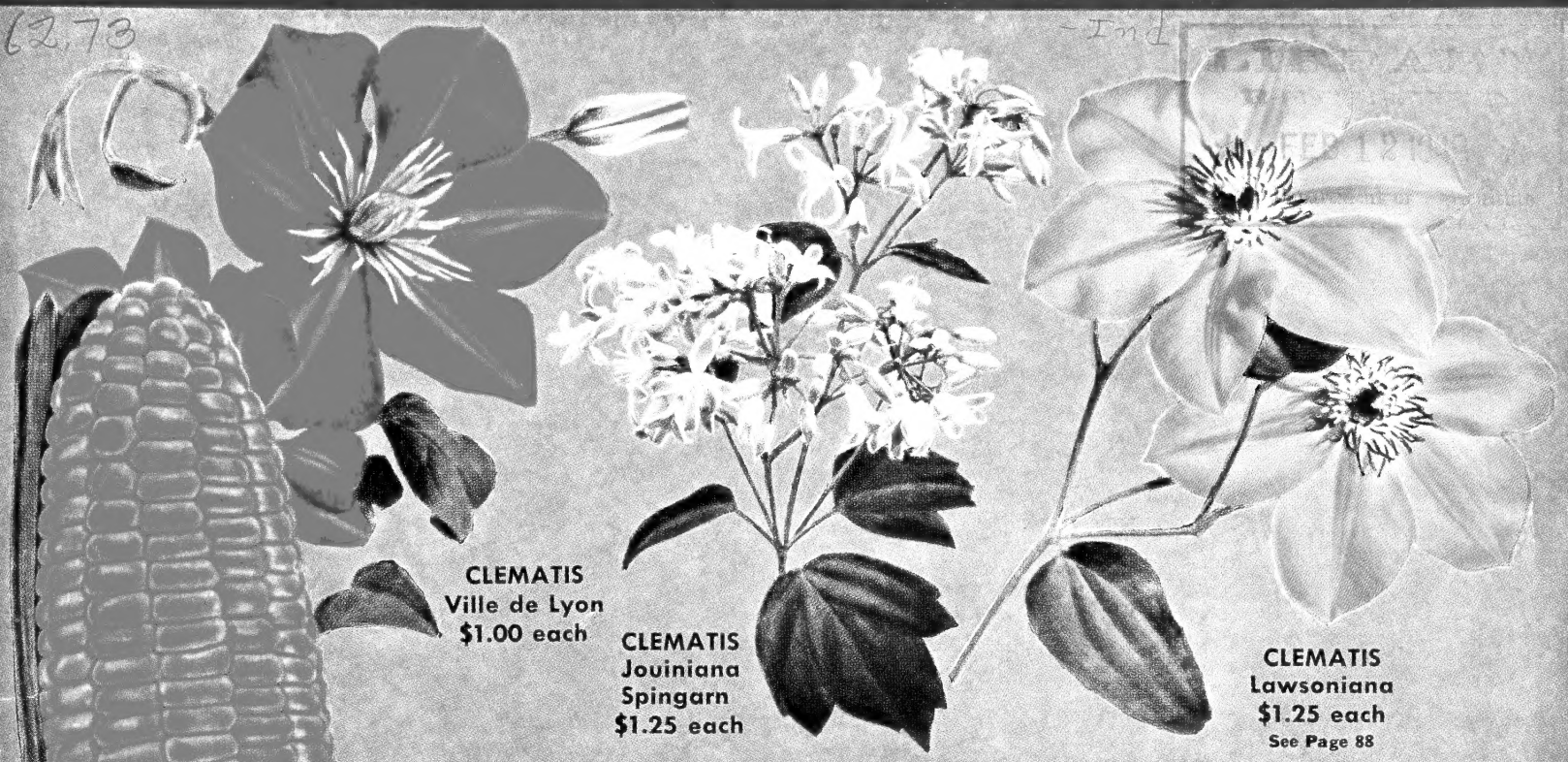


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

MICHELL'S

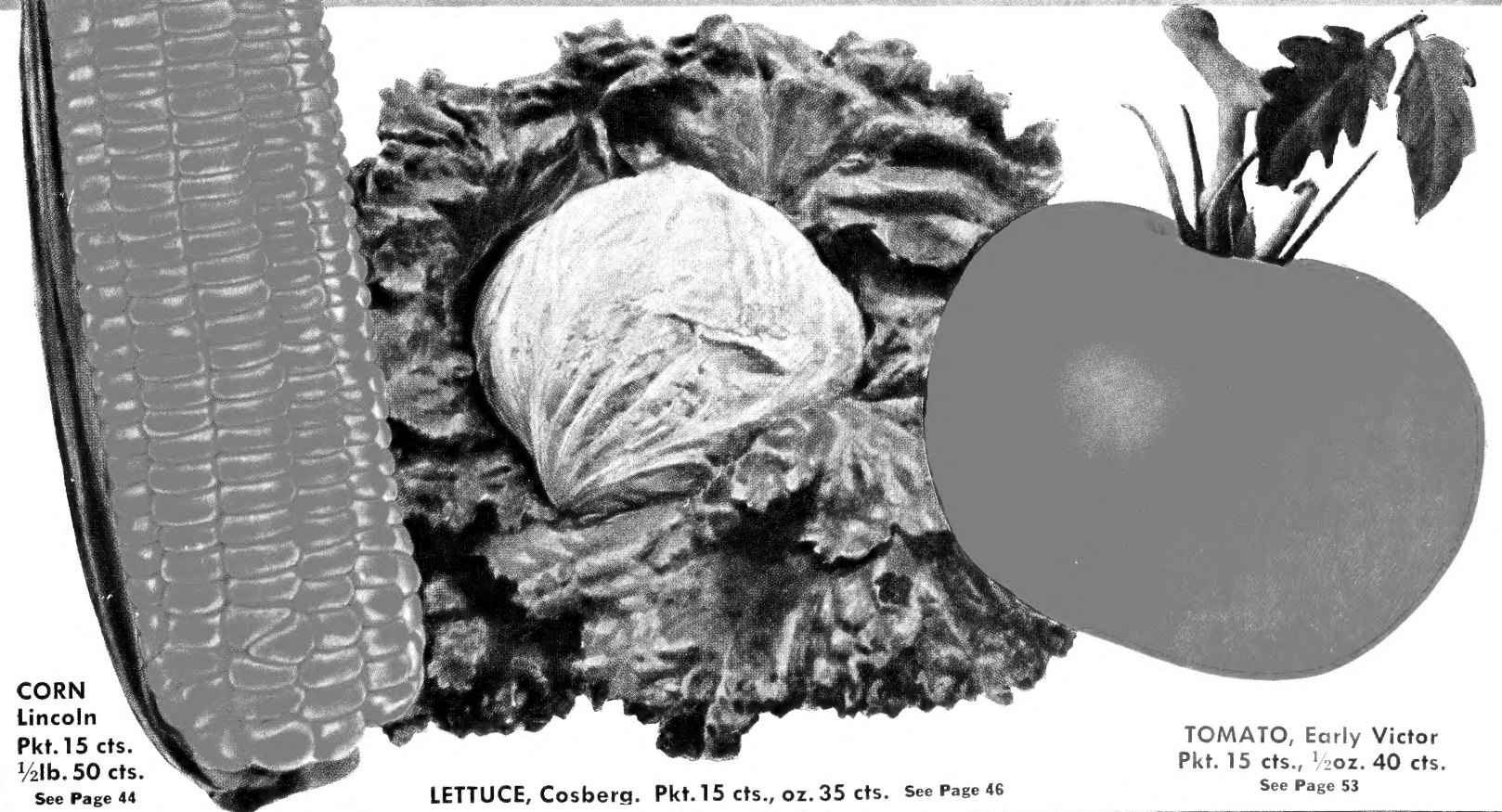
SEEDS • BULBS • PLANTS • 1942



CLEMATIS
Ville de Lyon
\$1.00 each

CLEMATIS
Jouiniana
Spingarn
\$1.25 each

CLEMATIS
Lawsoniana
\$1.25 each
See Page 88



CORN
Lincoln
Pkt. 15 cts.
½ lb. 50 cts.
See Page 44

LETTUCE, Cosberg. Pkt. 15 cts., oz. 35 cts. See Page 46

TOMATO, Early Victor
Pkt. 15 cts., ½ oz. 40 cts.
See Page 53

HENRY F. MICHELL CO.

516 and 518 MARKET STREET PHILADELPHIA, PA.

MICHELL'S *Glorious* GLADS

In the six Gladiolus pictured on this page we believe we have the leading variety in each of these colors, regardless of price.

	Doz.	100
PICARDY'S beauty is above description	\$0 75	\$5 00
MINUET tops the lavenders at every show	75	5 00
FLAMING SWORD. A living mass of flaming scarlet.	50	3 50
GOLDEN DREAM. Lovely ruffled petals of daffodil-yellow	60	4 00
MAID OF ORLEANS. Not snow-white but a luscious light cream.	90	6 00
PELEGRINA. A violet-blue like nothing else	75	5 00

12 each of the above 6 varieties (72 bulbs) \$3.75

6 each of the above 6 varieties (36 bulbs) 2.00

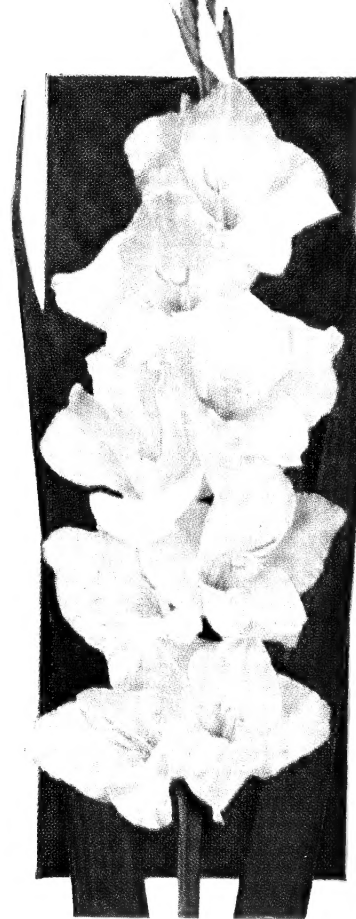
3 each of the above 6 varieties (18 bulbs) 1.00

PICARDY

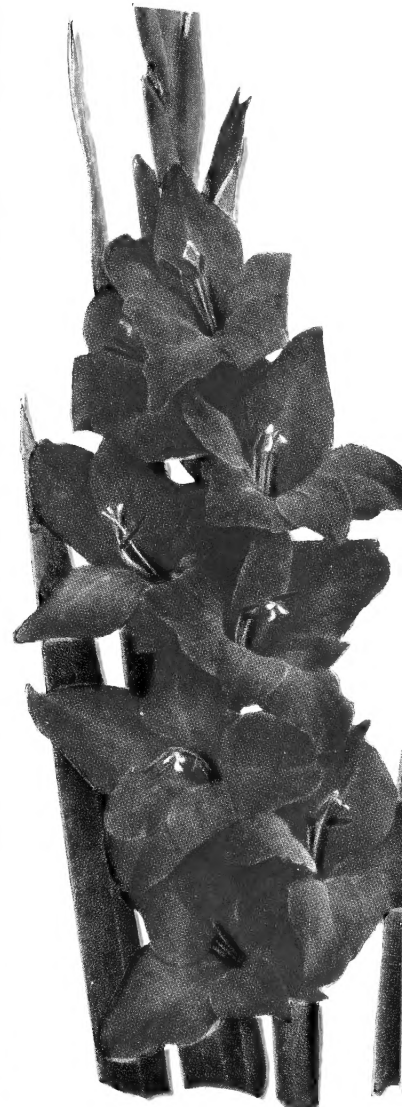
MINUET

FLAMING SWORD

GOLDEN DREAM



MAID OF ORLEANS



PELEGRINA

Customers

please note

To avoid misunderstanding
read these conditions
of sale

BELL • Lombard 5620 to 5627
KEYSTONE • Main 1631-1632



TELEPHONE YOUR ORDER

It will get prompt, courteous
attention here

LOCAL DELIVERY

Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and near-by points, but we do not guarantee to maintain a daily delivery to these places.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via
Package Service.

ORDER EARLY

We would greatly appreciate if you would send orders for seeds, plants, bulbs, etc. during January and February whenever possible. Shipment will be made when you want the goods.

GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for our merchandise are most unusual gifts for your garden-loving friends. They are ideal for Christmas, birthday and other remembrances.

WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogues regularly.

EMPLOYMENT SERVICE

We maintain a register of the names of competent gardeners, superintendents, etc., who desire positions. Call on us if you wish to employ help. We also maintain a register of competent landscape architects and jobbing gardeners. We recommend only those who have proved reliable.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items—plants and cold-storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No C. O. D. orders accepted for less than \$1.00.

CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants, or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

SAFE ARRIVAL. We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, plants, and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia	\$0 07	\$0 01	Limit of weight to all zones, 70 lbs.
1st Zone, within 50 miles of Philadelphia . . .	08	01.1	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2d Zone, over 50 and under 150 miles . . .	08	01.1	
3d Zone, over 150 and under 300 miles . . .	09	02	
4th Zone, over 300 and under 600 miles . . .	10	03.5	
5th Zone, over 600 and under 1000 miles . . .	11	05.3	
6th Zone, over 1000 and under 1400 miles . . .	12	07	
7th Zone, over 1400 and under 1800 miles . . .	14	09	
8th Zone, over 1800 miles	15	11	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and Other Countries outside of the United States. In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

HENRY F. MICHELL CO.

516-518 Market Street

PHILA., PA.

WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.



MICHELL'S *Reliable Grass Mixtures*

SEEDING at the proper time is half the secret of success in lawn making. But on the seed you sow will depend success or failure. Quality in grass seed is of particular importance. The initial cost of the best seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

Quantity to Sow for Lawns. We recommend sowing: 5 lbs. per 1000 square feet; 150 lbs. per acre on new ground without grass. In renovating established lawns, use half the above quantities.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S "GREEN VELVET" LAWN SEED

For the Open, Sunny Lawn

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use.

Lb. 55c.	3 lbs. \$1.60	5 lbs. \$2.60
10 lbs. \$5.00	25 lbs. \$12.00	100 lbs. \$45.00

MICHELL'S WHITE CLOVER SEED

There is no clover used in the above lawn mixtures. For those desiring clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results.

1/4 lb. 35c.	1/2 lb. 65c.	Lb. \$1.25
5 lbs. \$5.75	10 lbs. \$11.00	25 lbs. \$25.50

MICHELL'S "SHADED" LAWN SEED

Overcomes the Shade Problem

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure.

Lb. 55c.	3 lbs. \$1.60	5 lbs. \$2.60
10 lbs. \$5.00	25 lbs. \$12.00	100 lbs. \$45.00

GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 lbs. per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 lbs. per 1000 square feet should be worked into the top 3 inches of the soil.

25 lbs. \$1.50	50 lbs. \$2.50	100 lbs. \$4.50
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Send for our **FREE** booklet, "Lawn Pointers," for suggestions on the care of your lawn

Michell's Reliable Grass Mixtures for All Conditions

Michell's Top-Notch Lawn Seed

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 5-lb. bag \$3.10; 10-lb. bag \$6.00; 25-lb. bag \$14.50; 100 lbs. \$55.00.

Michell's Clover Lawn Seed

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for seashore lawns. ½lb. 35c.; 1b. 65c.; 3 lbs. \$1.90; 5-lb. bag \$3.10; 10-lb. bag \$6.00; 25-lb. bag \$14.50; 100-lb. bag \$55.00.

Michell's Evergreen Lawn Seed

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. ½lb. 25c.; 1b. 45c.; 3 lbs. \$1.30; 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

Michell's Fairmount Park Lawn Seed

A mixture meeting the requirements of those desiring a moderately priced grass seed. 1b. 35c.; 3 lbs. \$1.00; 5-lb. bag \$1.60; 10-lb. bag \$3.00; 25 lbs. \$7.00; 100 lbs. \$25.00.

for Special Problems

Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. 1b. 55c.; 3 lbs. \$1.60; 5-lb. bag \$2.60; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$45.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 110.

Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. 1b. 55c.; 3 lbs. \$1.60; 5-lb. bag \$2.60; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$45.00.

Michell's Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. 1b. 45c.; 3 lbs. \$1.30; 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. 1b. 45c.; 3 lbs. \$1.30; 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 132.

Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. 1b. 90c.; 5 lbs. \$4.25; 10 lbs. \$8.00; 25 lbs. \$19.50; 100 lbs. \$75.00.

The NEW JERSEY Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

No. 1. Standard Mixture (with clover).

No. 1A. Standard Mixture (without clover).

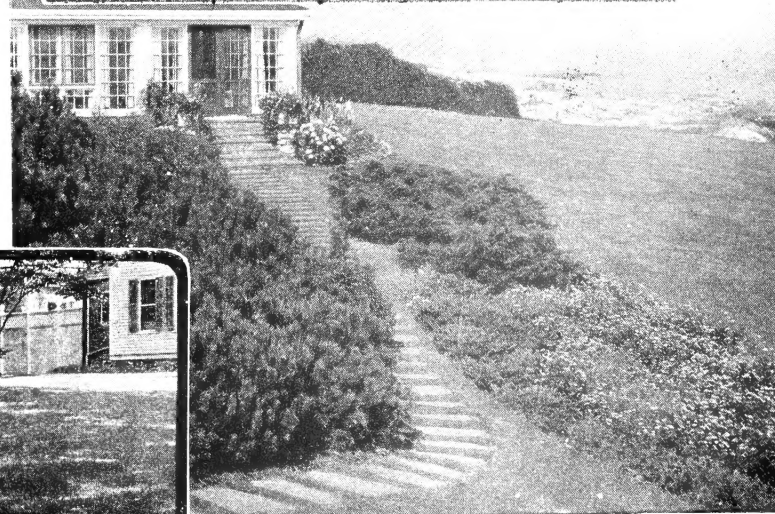
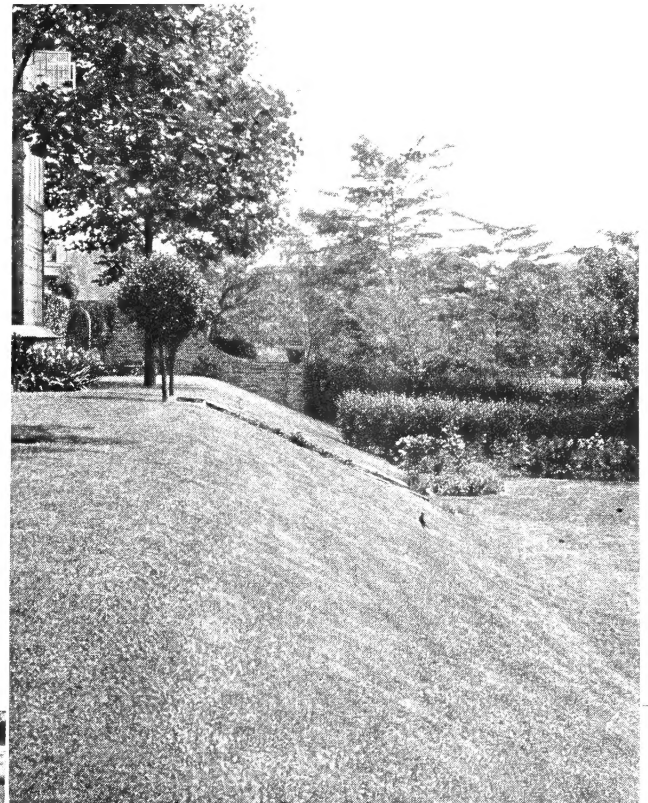
No. 2. For Finest Quality Turf.

No. 3. For Shaded Areas.

No. 4. For Terraces and Clayey, Shaley or Sandy Soils.

Prices on the above furnished on request

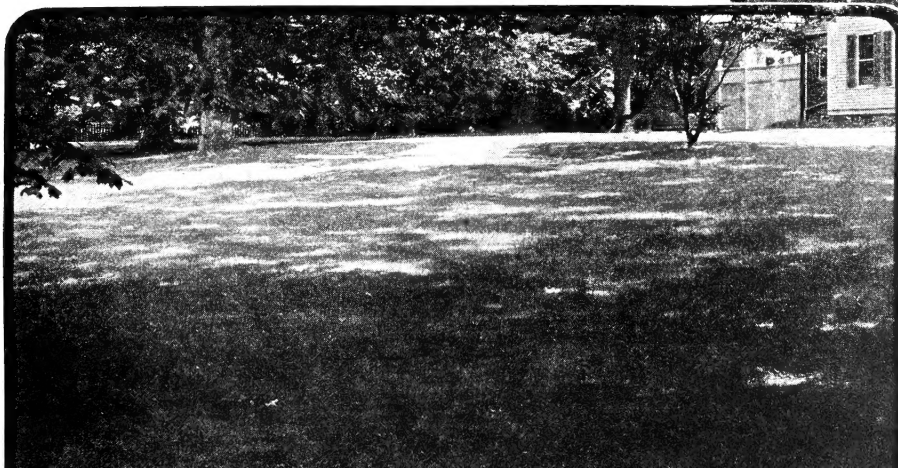
PRICES ON THIS PAGE SUBJECT TO CHANGE



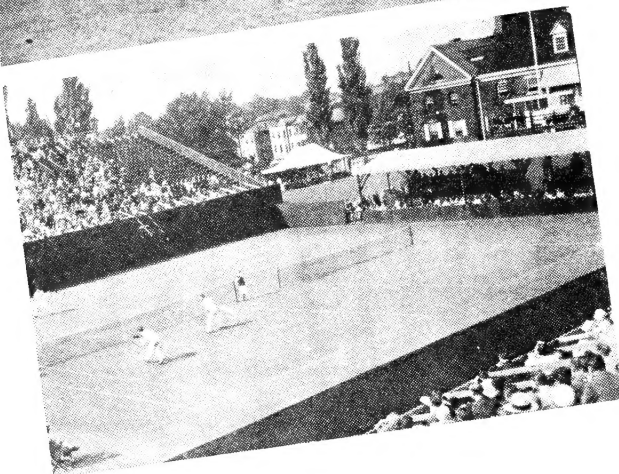
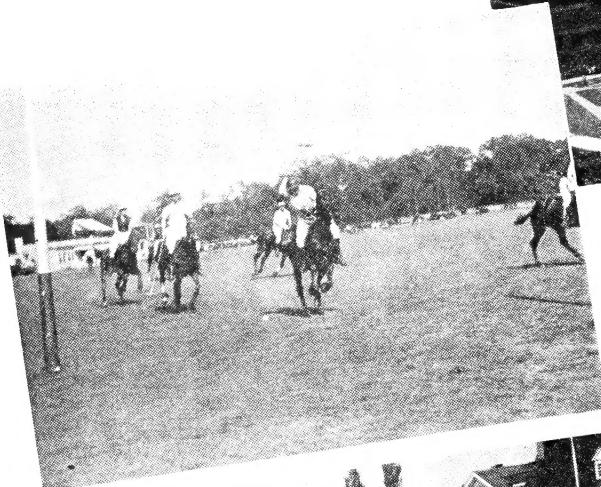
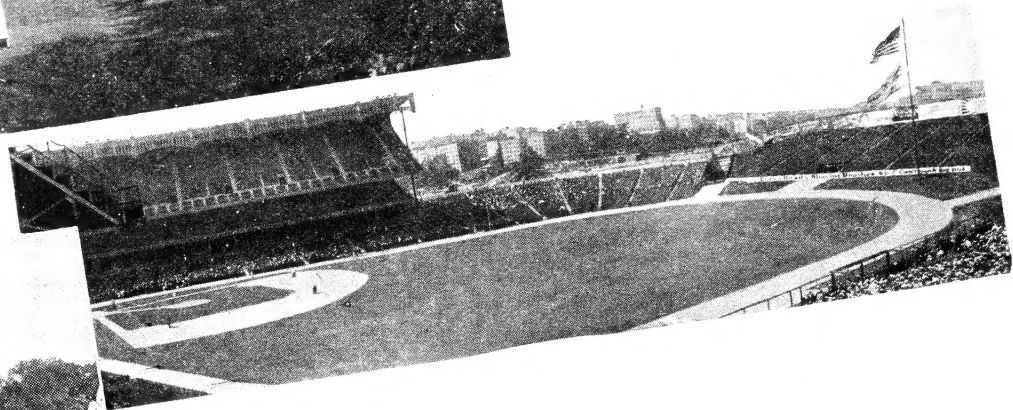
Top. TERRACE LAWN

Bottom. SEASHORE LAWN

← SHADED LAWN



Grass Seed for Recreational Grounds



The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

MICHELL'S PUTTING GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of one pound to 100 square feet. Lb. \$1.00; 5-lb. bag \$4.50; 10-lb. bag \$8.50; 25-lb. bag \$20.75; 100 lbs. \$80.00.

MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 5-lb. bag \$2.35; 10-lb. bag \$4.50; 25-lb. bag \$10.75; 100 lbs. \$40.00.

MICHELL'S TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$17.00; 100 lbs. \$65.00.

MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

OUR years of experience with sport turf, whether for the **Golf-Course, Tennis-Court, or Athletic Field**, have led to the development of special grass-seed formulas for every purpose. Since different conditions exist as to the soil, topography, degree of moisture, and shade, etc., we suggest that you submit your problem to us in order that the exact conditions can be met. We will be pleased to prescribe a special formula for your particular case, or to mix your own favorite formula from our stock of highly tested separate varieties listed on the opposite page.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, Astoria. A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, South German. Imported. A natural mixture of creeping and velvet Bent types, suitable for greens, lawns, tennis-courts, etc. Lb. \$1.75; 10 lbs. \$15.00.

Bent, Velvet (*A. carina*). The finest-textured of all turf grasses. **Raritan.** Lb. \$3.50.

Bermuda Grass (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Lb. 70c.; 10 lbs. \$6.50.

Blue Grass, Kentucky (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

Extra Fancy. Lb. 45c.; 10 lbs. \$4.00.
Superfine. Lb. 50c.; 10 lbs. \$4.50.

Blue Grass, Canada (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 60c.; 10 lbs. \$5.50.

Crested Dog's-tail (*Cynosurus cristatus*). Satisfactory as a pasture and lawn grass under special conditions. Lb. 60c.; 10 lbs. \$5.50.

Fescue, Chewing's N. Z. (*Festuca rubra-fallax*). Imported. Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil-conditions. Excellent for the lawn or putting-green. Lb. 75c.; 10 lbs. \$7.00.

Fescue, Hard (*F. duriuscula*). Imported. A durable, wiry grass, gray-green in color, suitable for dry, sandy soils. Should always be sown in mixture with other grasses. Lb. \$1.00; 10 lbs. \$9.00.

Fescue, Genuine Red Creeping (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. 75c.; 10 lbs. \$7.00.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 60c.; 10 lbs. \$5.50.

Fescue, Red (*F. rubra*). Imported. Valuable for putting-greens, also for sowing on sandy soil and in shaded places. Lb. 75c.; 10 lbs. \$7.00.

Fescue, Sheep's (*F. ovina*). Very similar to Hard Fescue. Lb. \$1.00; 10 lbs. \$9.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 70c.; 10 lbs. \$6.50.

Red-Top (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil-conditions.

Extra Fancy. Lb. 30c.; 10 lbs. \$2.50.
Superfine. Lb. 35c.; 10 lbs. \$3.00.

Rough-stalked Meadow (*Poa trivialis*). Imported. An ideal lawn grass for shaded places. Fine, short-growing and dark green in color. Lb. \$1.25; 10 lbs. \$11.50.

Rye Grass, Domestic. A quick-growing annual grass, useful where immediate effect is desired. Lb. 25c.; 10 lbs. \$2.00.

Rye Grass, Perennial (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 35c.; 10 lbs. \$3.00.

Rye Grass, Italian (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 25c.; 10 lbs. \$2.00.

Timothy (*Pbleum pratense*). A grass of high value for hay and pastures. Lb. 25c.; 10 lbs. \$2.00.

WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 10c.; 1/4 lb. 35c.; 1/2 lb. 65c.; lb. \$1.25; 5 lbs. \$5.75; 10 lbs. \$11.00; 25 lbs. \$25.50.

Grass Seed for the Farm

Michell's Permanent Hayfield Grass Seed

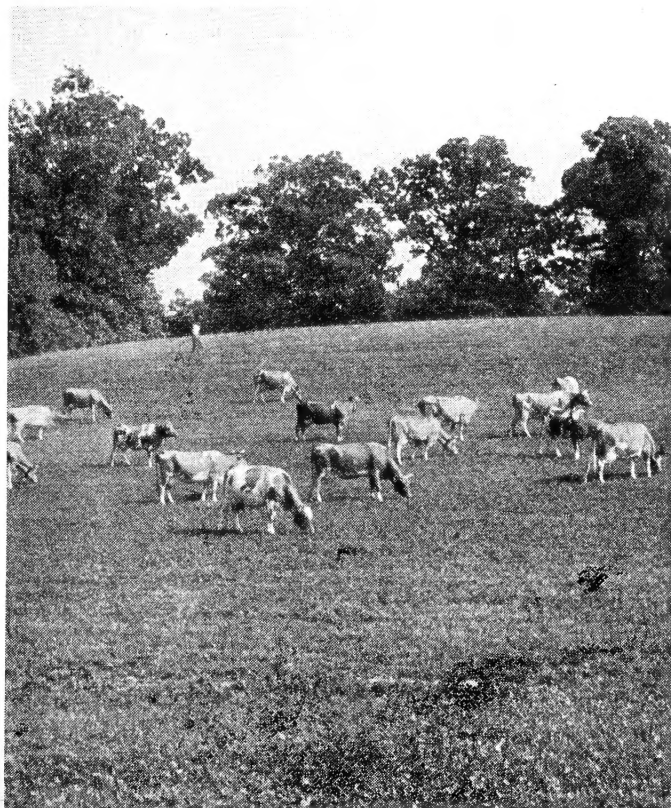
We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5-lb. bag \$2.15; 10-lb. bag \$4.25; 25-lb. bag \$10.25; 100 lbs. \$38.00.

WILD WHITE CLOVER (Certified Kentish)

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 58.



Pasture-field

ALL PRICES SUBJECT TO MARKET CHANGES



Petunia, Glamour



Ipomoea, Pearly Gates



Marigold, Golden Bedder

ALL-AMERICA WINNERS FOR 1942

With all enthusiasm it is a real pleasure to announce the most worthy of the new flower introductions. The All-America judges have diligently cared for these and have given their very best judgment for the benefit of all flower lovers. Of the seventy-two varieties entered, the following list of ten were voted by the judges as the winners for the 1942 season. They comprise excellent subjects in new variations of colors, type, and habit of growth, suitable for all garden purposes, and we feel that you, the garden makers, will want to try out some of these new creations.

CLEOME (SPIDERFLOWER), GIANT PINK QUEEN (PINK DAWN)

Silver Medal, 1942 All-America Selections. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 feet. Pkt. 25c.; large pkt. 75c.

COSMOS, YELLOW FLARE

Silver Medal, 1942 All-America Selections. Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A striking plant for the garden, growing 3 to 4 feet tall. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.75.

IPOMOEA (MORNING-GLORY) PEARLY GATES

Silver Medal, 1942 All-America Selections. The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average 4 1/2 inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.75.

NIEREMBERGIA, PURPLE ROBE

Bronze Medal, 1942 All-America Selections. A very fine deep violet-purple form of the popular *Nierembergia bippomanica*. It maintains its deep color, does not fade, has a neat compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high. Pkt. 25c.; large pkt. 75c.

PETUNIA, GIANTS OF CALIFORNIA, GLAMOUR

Honorable Mention, 1942 All-America Selections. A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Strong, robust, extremely free-blooming and an entirely new shade in this type of Petunia. Pkt. 25c.; large pkt. 85c.

PHLOX GIGANTEA, RED GLORY

Honorable Mention, 1942 All-America Selections. Here is the brightest color that we have ever seen in a Phlox. It is brilliant red with a contrasting white eye. Red Glory is identical in type, habit of growth and size of bloom to the Gigantea Art Shades. Pkt. 25c.; large pkt. 60c.

MARIGOLDS

Dwarf Chrysanthemum-flowered, Golden Bedder. *Bronze Medal, 1942 All-America Selections.* Very early—perhaps the earliest of all. Plants form symmetrical mounds covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type. Pkt. 25c.; large pkt. 75c.

Dwarf French Harmony Type, Butterball. *Bronze Medal, 1942 All-America Selections.* Most attractive, very compact, scabious-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 60c.

Dwarf Double French, Melody. *Bronze Medal, 1942 All-America Selections.* The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt. 25c.; large pkt. 60c.

Mission Giants, Yellowstone. *Honorable Mention, 1942 All-America Selections.* Bright rich clear yellow counterpart to Goldsmith, the popular variety introduced last season, with large 2 1/2-inch flowers on luxurious strong-growing plants. Height 3 to 5 feet. Pkt. 25c.; large pkt. 75c.

ZINNIA, ROYAL PURPLE

Honorable Mention, 1942 All-America Selections. The deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes. The plants grow on the average 2 1/2 to 3 feet tall and its extra-large, double blooms are about 4 inches in diameter. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.00.

MICHELL'S NOVELTIES and SPECIALTIES IN FLOWER SEEDS

AGERATUM

Midget Blue. *Silver Medal, All-America Selections.* A very fine dwarf (2 to 3 inches high) which is practically smothered with small true Ageratum-blue flowers. Pkt. 25c.; large pkt. 75c.

Michell's Blue Boy. *Novelty.* Extra dwarf. This Michell strain is the result of many years' careful selection. The growth is uniform and even, about 4 inches high, and the plants are almost completely smothered with flowers of the richest shades of blue. Excellent for the border or rock-garden. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.50.

ALYSSUM, Violet Queen

New, dwarf, compact form with flowers of a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. Pkt. 15c.; large pkt. 60c.

ANTIRRHINUMS

Rustproof Varieties

This strain has proved excellent under intensively wet outdoor conditions. They have stood the tests, and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent.

R.-R. Reveille, Majus Grandiflorum. *New 1942.* This gorgeous new Snapdragon grows to a height of 22 inches and has an upright base-branching habit, each plant producing from 6 to 8 huge spikes of flowers. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow. The individual florets are unusually large and the plant is rust-resistant. Pkt. 25c.; large pkt. 60c.

Appleblossom, Nanum Grandiflorum (Semi-Dwarf). *New.* This is the first pale pink to be offered in the rustproof semi-dwarf class. The color of the flowers is the well-known apple-blossom-pink. Pkt. 25c.; large pkt. 75c.

MICHELL'S EXCLUSIVE INTRODUCTIONS FOR 1942

Dandy, Nanum Grandiflorum (Semi-Dwarf). A new variety. Color is a beautiful glowing orange with white tube. The habit of the plant is very dwarf and compact; free flowering. Pkt. 25c.; large pkt. \$1.00.

Princess, Nanum Grandiflorum (Semi-Dwarf). The color is a brilliant salmon-rose, a glowing shade under artificial light. Plants are very dwarf, the habit compact, free flowering. Pkt. 25c.; large pkt. 75c.

Michell's White, Nanum Grandiflorum (Semi-Dwarf). This is the first white to be offered in the semi-dwarf group. Flowers are pure white, and the habit and growth identical with the above varieties. Pkt. 25c.; large pkt. 75c.

Quaker Maid. One of the finest large-flowering varieties we have ever seen. The color is a brilliant rose, with large open florets which have yellow upper lips, and the tubes are pure white. The individual flowers are well set on good, strong, wiry spikes. The plants are base-branching and produce from 6 to 8 huge long-flowering spikes. Pkt. 25c.; large pkt. 75c.

For other varieties of Snapdragons see pages 10 and 11

CARNATION, MARGUERITE, GIANT FLOWERING ALDOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. The plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

CELOSIA CRISTATA, MIRACLE

An excellent tall-growing selection of choice colors, ranging through deep crimson, pinks, bronzes and yellows, making this strain an excellent cut-flower item. Height 40 inches. Pkt. 25c.; large pkt. 75c.

COLEUS, GLORY OF VICHY

A beautiful mixture of apricot, bronze, pink, and cream shades. A really fine strain with beautiful form. Pkt. 35c.; large pkt. \$1.00.

COSMOS, SEMI-DOUBLE, ORANGE RUFFLES

New 1942. A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 25c.; large pkt. 60c.; 1/4oz. \$1.25.

DELPHINIUM, New Super Giant Pacific Hybrids

This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew and is proving a splendid variety for cut-flower purposes.

Black Knight Series. Darkest of them all. Individual flowers exceedingly large. Pkt. 50c.; large pkt. \$1.75.

Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue. Pkt. 50c.; large pkt. \$1.75.

Galahad Series. Clear white, enormous individual flowers averaging 3 inches in diameter, well spaced on strong, whippy stems. Pkt. 50c.; large pkt. \$2.50.

Guinevere Series. A magnificent light pink-lavender with white bee. Fine large spikes. Pkt. 50c.; large pkt. \$1.75.

King Arthur Series. A true royal purple with white bee. Pkt. 50c.; large pkt. \$1.75.

Lancelot Series. A new color in Delphiniums—pure lilac selftone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. Pkt. 50c.; large pkt. \$1.75.

Round Table Series. This represents all of the color combinations of the knights and their ladies. Three hundred different crosses were used to make up this group of seed. Pkt. 50c.; large pkt. \$1.75.

Summer Skies Series. Clear light blue with white bee. Excellent for cutting. Pkt. 50c.; large pkt. \$1.75.

For other varieties of Delphinium see page 19

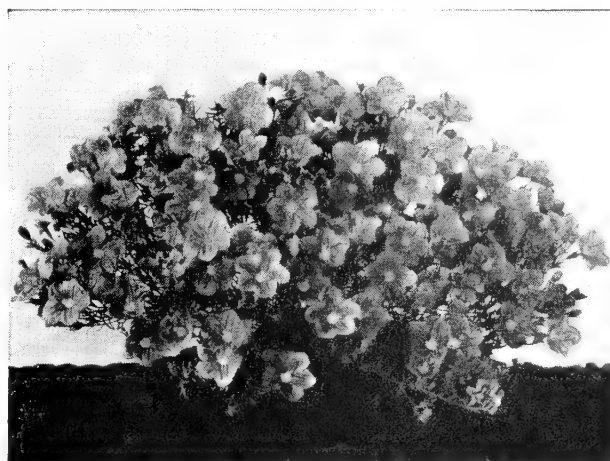
LARKSPUR, GIANT IMPERIAL LILAC KING. New 1942

A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur. Fine base-branching habit; excellent for cutting. Pkt. 25c.; large pkt. 60c.

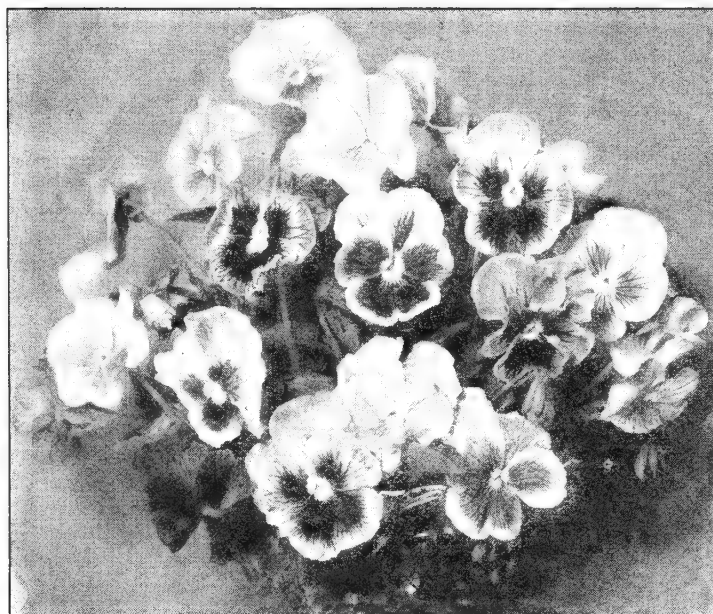
NEW SALPIGLOSSIS, Rose, Crimson and Gold

Definitely a new color in Salpiglossis. The richly colored blooms are one-half again as large as the ordinary type. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

For All-America Winners See Page 6



Nierembergia, Purple Robe



Pansies, Sunshine Art Shades

NEW PANSY, Sunshine Art Shades

This new strain has been developed to a type that is very free flowering, and blooms exceedingly well during the hot summer months. A beautiful range of delightful bright pastel and art shades, containing many unusual tints and blotches. Pkt. 25c.; large pkt. 85c.

PETUNIAS

Mars, Single-flowered grandiflora hybrida. *New 1942.* This new variety is the deepest crimson and largest-flowered to date. The color is deeper than Flaming Velvet, and the flowers are huge, measuring 4 inches across. Pkt. 25c.; large pkt. 60c.

Adorable, Dwarf, Single, Fringed Lace Veil Type. *An Exclusive Michell Introduction.* As the name implies, this is really an adorable Petunia. The flowers are of medium size and beautifully fringed. Color is a pleasing shade of rose-pink with white, delicately veined throats. Pkt. 25c.; large pkt. 85c.

Beauty, New Dwarf Single Giant Ruffled. *An Exclusive Michell Introduction.* Here we have a Petunia that is really a beauty. The flowers are quite large and well fluted, with veined throats, and the color is a bright clear salmon, a shade that will always please. The habit is dwarf, compact; very early and free flowering. Pkt. 25c.; large pkt. 85c.

Aldouble, Blue Brocade. *Highest Winner of Silver Medal.* A new and rich color in a giant fringed type, high percentage of fully double flowers of pleasing fragrance. Distinct new color. Pkt. 50c.; large pkt. \$1.50.

Radiance, Single Hybrida Type. *Silver Medal.* A very brilliant and rich rose or cerise color with brown-veined, yellowish throat. Flowers $1\frac{3}{4}$ to 2 inches across. Height 1 to $1\frac{1}{2}$ feet. Pkt. 25c.; large pkt. 50c.

Violet Gem. *Honorable Mention.* A miniature Petunia growing only 6 inches tall. The plants are compact, with masses of rich violet-blue flowers. Splendid subject for edging. Pkt. 25c.; large pkt. 75c.

STOCKS

Michell's Rose Beauty, Giant Column Double Excelsior. A fine new variety with exceedingly large double florets. The color is a clear La-France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type. Pkt. 25c.; large pkt. \$1.00.

Super-Early, Saint Amour. *An Exclusive Michell Introduction.* An excellent early branching type of clear lavender-rose. Is excellent for pot-culture, as well as cutting. Pkt. 25c.; large pkt. \$1.00.

VERBENA HYBRIDA GRANDIFLORA

Annapolis Blue. *1942 Novelty.* The first mid-blue Verbena that does not have a tendency to have a purple cast to the florets—a real deep Belladonna blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 85c.

Roseglow. *1942 Novelty.* A very unusual color—deep glowing rose shading to orange-scarlet, so luminous that each plant has the appearance of a small flat fountain of fire. This new Verbena is decidedly free flowering. When in full bloom each plant will average forty flowering clusters. Pkt. 25c.; large pkt. 75c.

VERBENAS, Dwarf Erect Compact Varieties

Red Sentinel. *1942 Novelty.* This is a true Dwarf Compact variety having flowers of an intense bright red with no eye. Each plant produces from 12 to 15 flowering clusters. 6 to 8 inches high. Pkt. 25c.; large pkt. 85c.

White Ball. *Novelty.* A petite-growing Verbena only 7 inches high with a score or more of stiff, erect branches, each bearing 3 to 5 heads of 2-inch florets. The color is pure white. Pkt. 25c.; large pkt. 85c.

Blue Sentinel. *All-America.* Rich violet-blue. Pkt. 15c.; large pkt. 75c.

Carmin Ball. Bright carmine with white eye. Very compact. Pkt. 15c.; large pkt. 60c.

Pink and Rose Bouquet. A choice blending of two popular colors. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 15c.; large pkt. 60c.



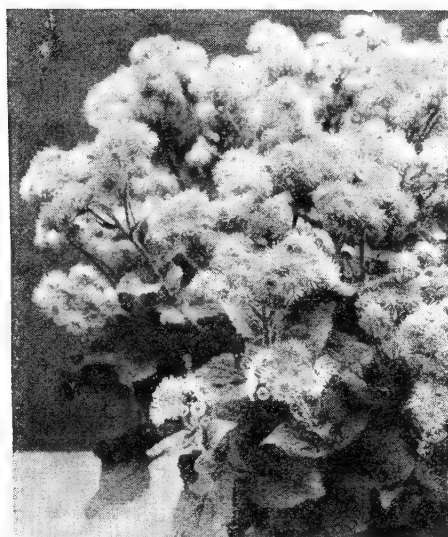
XANTHISMA TEXANUM, STAR OF TEXAS

One of the prettiest annuals and deserves to be very popular. Flowers are single, daisy-like, with long, pointed petals. The color is a light canary-yellow. Stems are wiry and excellent for cutting. Will do well in dry open places. Pkt. 25c.; large pkt. 60c.

ZINNIAS

Black Ruby. *Bronze Medal.* Lilliput or Pompon Zinnia. Flowers are deep velvety maroon—a distinct color for this class. $1\frac{1}{2}$ feet high. Pkt. 25c.; large pkt. 50c.

Howard's New Giant Crested, Mixed. *Novelty.* A cross between the Dahlia-flowered and Scabious-flowered types. Magnificent shades of orange, orange-scarlet, yellow, rose, maize and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$1.25.



Ageratum, Michell's Blue Boy. Pkt. 25c.

Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 6 to 8

During our fifty-two years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our flower seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

Annuals. These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

Biennials. These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

Perennials. These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of flower seeds will be found on page 135

Varieties marked ★ are especially suitable for rock-gardens

Abutilon • Flowering Maple

Choice Mixed. Foliage of maple form. Flowers bell-shaped. 3 to 4 ft. Pkt. 10c.; large pkt. 75c.

Achillea • Milfoil; Yarrow

Millefolium rubrum. Bright magenta-red. Perennial. 3 ft. Pkt. 10c.; large pkt. 60c.

Ptarmica, The Pearl. Pure white, double flowers. Hardy perennial. 2½ ft. Pkt. 10c.; large pkt. 75c.

Aconitum

Monkshood; Helmet Flower

Hardy perennial thriving best in semi-shady situations. Effective in hardy borders. 3 ft. Aug., Sept. Seed is of slow germination.

Fischeri. Compact habit, with bright blue flowers. Pkt. 15c.; large pkt. 75c.

Napellus. Long spikes of blue flowers. Pkt. 10c.; large pkt. 60c.

Acroclinium

See Everlasting Flowers, page 21

Adonis

★**Vernalis.** Finely cut foliage. Bright yellow flowers. Perennial. 1 ft. Pkt. 10c.; large pkt. 60c.

Ageratum • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

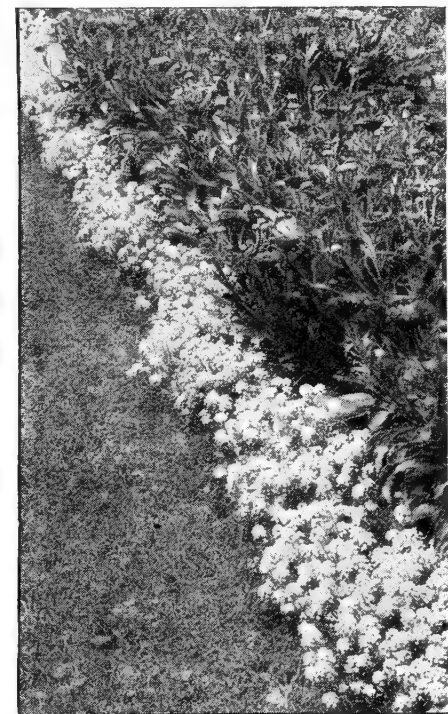
MICHELL'S BLUE BOY. See page 7 for description. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.50.

MIDGET BLUE. Silver Medal, All-America Selections. A full description will be found among the Novelties on page 7. Pkt. 25c.; large pkt. 75c.

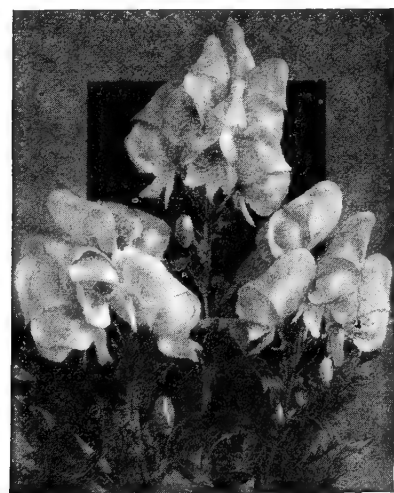
Blue Cap. A fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★**Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 30c.

Blue Perfection. Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 25c.



Sweet Alyssum, Michell's Bouquet. Pkt. 10c.



Aconitum Fischeri. Pkt. 15c.

AGERATUM, continued

FAIRY PINK. A delightful soft salmon-rose-pink color. Dwarf and compact. Pkt. 25c.; large pkt. 75c.

Little Blue Star. Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

Imperial Dwarf White. Pkt. 10c.; large pkt. 25c.

Alyssum

ANNUAL VARIETIES

VIOLET QUEEN. New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

Lilac Queen. Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Little Gem. Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 25c.; oz. 90c.; ¼ lb. \$3.00.

★**MICHELL'S BOUQUET.** Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Sweet (A. maritimum). Fragrant, white-flowered trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 40c.; ¼ lb. \$1.25.

PERENNIAL VARIETIES

★**Rock-Garden Hybrids, Mixed.** A rare perennial species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★**Saxatile compactum.** Basket of Gold. An ideal hardy perennial plant with showy golden yellow flowers in May. Excellent for rockwork. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★**Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. \$1.00.

Our Rustproof Snapdragons are foolproof

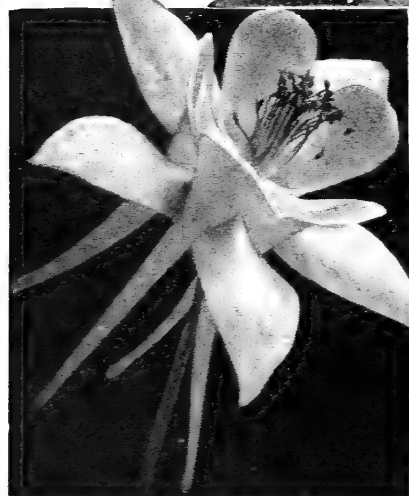


Aster, Giant Comet Blue Flame
Pkt. 15c.

Antirrhinum
Super Majestic
Pkt. 25c.



Aster, Crego, Enchantress
Pkt. 15c.



Aquilegia longissima. Pkt. 25c.

Amaranthus

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

Molten Fire. Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 60c.

Tricolor splendens. Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

Mixed. Pkt. 10c.; large pkt. 25c.

Ampelopsis

Boston or Japanese Ivy

Veitchi. Hardy perennial climber with olive-green leaves which turn scarlet in autumn. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Anagallis

Grandiflora. Pimpernel. A pretty annual growing 6 to 9 inches high. Very compact grower, covered with small, rich blue flowers. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Anchusa • Sea Bugloss

Blue Bird. Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

Capensis. Cape Forget-me-not. A fine blue annual variety, blooming all summer. 1½ ft. Pkt. 10c.; large pkt. 25c.

Italica, Dropmore. Hardy perennial plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 25c.

★ **Myosotidiflora.** Perennial with small forget-me-not-blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

Anemone • Windflower

Coronaria. Mixed colors. 1½ ft. Pkt. 10c.; large pkt. 40c.

★ **Pulsatilla.** Pasque Flower. Violet-lilac. 1 ft. Pkt. 15c.; large pkt. 75c.

St. Brigid or Poppy. Flowers large, semi-double and double, in many colors. 1½ ft. Pkt. 15c.; large pkt. 50c.

Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers all summer. Excellent for cutting.

★ **Montana.** Pure white. 1 ft. Pkt. 10c.; large pkt. 50c.

Tinctoria Kelwayi. Bright yellow. 2 ft. Pkt. 10c.; large pkt. 30c.

Arabis • Rock Cress

★ **Alpina.** Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms. 1 ft. April, May. Pkt. 10c.; large pkt. 25c.

★ **Alpina rosea.** Bright rose. Very dwarf. 8 in. Pkt. 25c.; large pkt. \$1.00.

Antirrhinum • Snapdragon

NEW SUPER MAJESTIC RUSTPROOF

This new group is superb as a cut-flower or for bedding.

Crimson Shades. Garnet and ruby shades. Pkt. 25c.; large pkt. 75c.

Dainty. Delightful soft pink. Pkt. 25c.; large pkt. 75c.

Orange Shades. Orange and gold shades. Pkt. 25c.; large pkt. 75c.

ROSE SENSATION. Novelty. A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color. Pkt. 25c.; large pkt. 75c.

Rose Shades. Shades of rose and pink. Pkt. 25c.; large pkt. 75c.

Super Majestic Mixture. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.25.

See next page for remainder of Antirrhinum list

Our Long-Spurred Columbines are really gorgeous

ANTIRRHINUM, continued

RUSTPROOF VARIETIES, continued

This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof. 2 to 3 ft.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower-heads 10 to 14 inches long.

MAJUS GRANDIFLORUM, R. R. REVEILLE. Novelty 1942. A gorgeous new Snapdragon. For description see Novelties, page 7. Pkt. 25c.; large pkt. 60c.

MICHELL'S NEW IMPROVED RUSTPROOF, CHEVIOT MAID SUPREME. Large, coral-rose, non-shattering flowers. Pkt. 25c.; large pkt. 85c.

MICHELL'S NAOMI. Brilliant rose-pink with light touch of yellow on upper lip. Large pkt. only, \$3.00 each.

MICHELL'S EXCLUSIVE GOLDEN JUBILEE INTRODUCTION, QUAKER MAID. Description of this great Rustproof Snapdragon in the Novelties on page 7. Pkt. 25c.; large pkt. 75c.

MAXIMUM RUSTPROOF VARIETIES

Campfire. A new color in Antirrhinums—pure luminous scarlet, free from orange or bluish tinges. Pkt. 15c.; large pkt. 60c.

Canary Bird. Brilliant canary-yellow flowers very closely spaced on the stem. Pkt. 15c.; large pkt. 60c.

Copper Shades. An outstanding variety because of the many orange and copper shades. Pkt. 15c.; large pkt. 60c.

Crimson. Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Pkt. 15c.; large pkt. 60c.

Daffodil. Two-tone daffodil-yellow. Pkt. 15c.; large pkt. 60c.

Indian Summer. Coppery orange and scarlet. Pkt. 15c.; large pkt. 60c.

Loveliness. A most attractive pure, soft rose-pink. Pkt. 15c.; large pkt. 60c.

PARADISE ROSE. Beautiful soft rose-pink; long spikes. Especially fine for cutting. Pkt. 15c.; large pkt. 60c.

ROSALIE. All-America. Rich deep rose with an underlying tone of topaz or amber. Pkt. 25c.; large pkt. 60c.

Shasta. Color pure white. Very early and free flowering. Pkt. 15c.; large pkt. 60c.

SWINGTIME. A lovely new color combination—soft pink with white tube. Pkt. 15c.; large pkt. 60c.

YELLOW GIANT. Striking deep yellow. Pkt. 15c.; large pkt. 60c.

University of California Mixture. All-America Winner. A combination of colors, the result of extensive crosses, making this a really fine mixture. Pkt. 15c.; large pkt. 50c.; 1/2 oz. \$1.25; oz. \$2.00.

NANUM GRANDIFLORUM Semi-Dwarf, Rustproof Varieties Height 1 to 2 feet

MICHELL'S DANDY. Exclusive Michell Introduction. Full description of this wonderful new Snapdragon will be found among the Novelties on page 7. Pkt. 25c.; large pkt. \$1.00.

MICHELL'S PRINCESS. Exclusive Michell Introduction. Turn to Novelties on page 7 for full description of this new Snapdragon. Pkt. 25c.; large pkt. 75c.

MICHELL'S WHITE. Exclusive Michell Introduction. For full description see Novelties page 7. Pkt. 25c.; large pkt. 75c.

APPLEBLOSSOM. Novelty. For full description, see Novelties page 7. Pkt. 25c.; large pkt. 75c.

Nanum Grandiflorum, continued

ANTIQUE GOLD. A new color in this group—shades of old-gold, copper, and orange. Pkt. 15c.; large pkt. 60c.

Bumblebee. A novel combination of colors—crimson with white tube and large yellow lip. Pkt. 15c.; large pkt. 60c.

Carmine-Rose. Light carmine-rose, yellow lip. Pkt. 15c.; large pkt. 60c.

Red Boy. Bright carmine-rose and yellow. Pkt. 15c.; large pkt. 60c.

Tangerine. New. Brilliant bronzy orange. Pkt. 15c.; large pkt. 60c.

Wildfire. Orange-scarlet, yellow lip. Pkt. 15c.; large pkt. 60c.

Yellow Gem. Clear golden yellow. Pkt. 15c.; large pkt. 60c.

Mixed. A superior mixture. Pkt. 15c.; large pkt. 50c.

SPECIAL FORCING VARIETIES

Afterglow. Golden bronze. Large pkt. only, 85c.

Ceylon Court. Canary-yellow. Large pkt. only, 85c.

Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

Coate's Yellow Perfection. Fine, deep yellow. Medium early. Large pkt. only, 85c.

Lucky Strike. New. The best large-flowering white to date. Large pkt. only, 85c.

Philadelphia Pink. Pure pink. Pkt. 25c.; large pkt. 75c.

Rose Queen. Dark pink. Large pkt. only, 85c.

White Rock. An extra-early pure white sort. Pkt. 25c.; large pkt. 75c.

Special Forcing, Mixed. Pkt. 25c.; large pkt. 75c.

MICHELL'S GIANT TALL VARIETIES These are not rustproof

Flowers very large, produced on long spikes and invaluable for cutting. 2½ to 3 ft.

Giant Brilliant Rose. Pkt. 10c.; large pkt. 40c.

Giant Crimson King. Rich crimson. Pkt. 10c.; large pkt. 40c.

Giant Golden King. Fine golden yellow. Pkt. 10c.; large pkt. 40c.

Giant Harmony. Orange, shaded rose. Pkt. 10c.; large pkt. 40c.

Giant Pink Venus. Flesh-pink, white tube. Pkt. 10c.; large pkt. 40c.

Giant Queen Victoria. Pure white. Pkt. 10c.; large pkt. 40c.

Giant Mixed. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

HYBRID ROCK-GARDEN VARIETY

★**Mixed.** Early-flowering plants of dwarf, compact growth, especially adapted for growing in rock-gardens. Choice colors. Pkt. 25c.; large pkt. 75c.

SEMI-DWARF VARIETIES These are not rustproof

The semi-dwarf sorts grow about 1½ feet high, with large flowers. Excellent for bedding.

Royal Rose. Rich rose-pink. Pkt. 25c.; large pkt. 75c.

Saint George. Golden orange-cerise. Pkt. 25c.; large pkt. 75c.

Amber Queen. Canary-yellow, overlaid chamois-pink. Pkt. 10c.; large pkt. 40c.

Firebrand. Rich deep red. Pkt. 10c.; large pkt. 40c.

Gloria. Rich deep rose. Pkt. 10c.; large pkt. 40c.

Golden Queen. Golden yellow. Pkt. 10c.; large pkt. 40c.

Nelrose. Pure rose-pink. Pkt. 10c.; large pkt. 40c.

Purity. Pure white. Pkt. 10c.; large pkt. 40c.

Mixed. All colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

TOM THUMB VARIETY

Mixed Colors. These grow about 1 foot high. Pkt. 10c.; large pkt. 40c.

Arctotis • African Daisy

Grandis. Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Asclepias • Butterfly Weed

Tuberosa. Showy perennial. Brilliant orange-scarlet flowers. 2 ft. Pkt. 15c.; large pkt. 60c.

Asparagus

Plumosus nanus. An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds 75c.

Sprengeri. One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds 75c.

Aquilegia • Columbine

These are among the most beautiful of spring and early summer flowers. Very effective when grown in the herbaceous border and in groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

FOUR BEAUTIFUL NEW AQUILEGIAS

CLEMATIFLORA, CHOICE MIXED.

New. Spurless Columbine with beautiful open flowers like Clematis. Contains all colors with the exception of deep red. Pkt. 25c.; large pkt. \$1.00.

COPPER QUEEN. Lovely deep copper, with long spurs of deeper hue. Pkt. 25c.; large pkt. 75c.

CRIMSON STAR. This new long-spurred variety is outstanding. The color combination is rich blood-red with the center petals pure white. Pkt. 25c.; large pkt. 75c.

LONGISSIMA. The most beautiful long-spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

SELECT LONG-SPURRED AQUILEGIA

These are unquestionably the finest types of this excellent garden perennial. The plants are of strong, robust growth and very free flowering.

Blue Shades. Pkt. 25c.; large pkt. 75c.

Orange and Scarlet Shades. Pkt. 25c.; large pkt. 75c.

Pink and Rose Shades. Pkt. 25c.; large pkt. 75c.

Snow Queen. Pure white. Pkt. 25c.; large pkt. 75c.

Mrs. Scott Elliott's Select Strain. Choice mixed. Pkt. 25c.; large pkt. 85c.

Hybrids. Mixed colors. Pkt. 10c.; large pkt. 60c.

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; large pkt. 50c.

Californica hybrida, Mixed. Principally yellow and orange shades. Long spurs. Pkt. 10c.; large pkt. 50c.

Canadensis. The scarlet and yellow native species. Pkt. 10c.; large pkt. 50c.

Chrysantha. Golden-spurred Columbine. Bright golden yellow. Pkt. 10c.; large pkt. 50c.

Cerulea. Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 60c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Michell's Superb Asters

SPECIAL NOTE.—While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.

NOVELTY FUSARIUM-WILT RESISTANT STRAINS

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

EARLY GIANT, ROSE MARIE. *Honorable Mention, All-America Selections.* A fascinating, rich, lively shade of rose, the flowers are 4 to 5 inches in diameter, full, with broad, graceful petals, daintily plumed and intertwined. Pkt. 25c.; large pkt. 75c.

EARLY GIANT, LIGHT BLUE. *All-America Winner.* Flowers are large and full, with broad, graceful petals, daintily plumed and intertwined. The plants are 2 feet high and very free and early blooming. Pkt. 25c.; large pkt. 60c.

PEACH BLOSSOM. Very attractive, large, full-petaled flowers. A delightful shade of light pink turning to lavender-pink when fully matured. Pkt. 25c.; large pkt. 60c.

GIANT COMET, ILLUSION. A new color in the Wilt-resistant Asters—a soft pastel shade of apricot-pink. Especially fine for cutting, and most effective when used in combination with some blue flower. Plants are of upright growth, 2 feet tall, free flowering. Pkt. 25c.; large pkt. 60c.

Golden Sheaf. The deepest yellow Aster yet introduced. Flowers are fully double, with an attractive crest-like center, of good substance and fine depth of petal, on long stems. Pkt. 15c.; large pkt. 60c.

Giant Comet, Salmon Queen. Clear, pure salmon, blending to rich golden salmon at the center. Flowers large, well formed, of the feathery Comet type, on long-stemmed, early-flowering, upright plants. Pkt. 15c.; large pkt. 60c.

Giant Comet, Blue Flame. Bright navy-blue, distinct from any other blue Aster now offered. Flowers are fully double, with long stems. Fine for cutting. Pkt. 15c.; large pkt. 60c.

AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems.

	Pkt.	Large pkt.
Azure Fairy	\$0 15	\$0 60
Carmine-Rose	15	60
Crimson	15	60
Purple	15	60
Shell-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

HEART OF FRANCE

	Pkt.	Large pkt.
Ruby-Red	\$0 15	\$0 60

EARLY ROYAL BRANCHING ASTERS

Fusarium-Wilt Resistant Strains

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching variety, but coming into bloom in July or early August.

	Pkt.	Large pkt.
Azure-Blue	\$0 15	\$0 60
Lavender	15	60
Peach Blossom	15	60
Purple	15	60
Rose-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

CREGO'S GIANT COMET ASTERS

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

	Pkt.	Large pkt.
Enchantress. All-America Winner. Lively salmon-pink.	\$0 15	\$0 60
Crimson	15	60
Deep Rose	15	60
Lavender	15	60
Shell-Pink	15	60
Violet	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of 5 colors, 65c.

IMPROVED QUEEN OF THE MARKET ASTERS

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Pkt.	Large pkt.
Crimson	\$0 15	\$0 60
Dark Blue. Purple	15	60
Light Blue. Lavender	15	60
Peach Blossom. Blush-pink	15	60
Rose-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of above 6 colors, 65c.

MICHELL'S IMPROVED SEMPLE'S AMERICAN BRANCHING ASTERS

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection.

	Pkt.	Large pkt.
Azure-Blue	\$0 15	\$0 60
Crimson	15	60
Deep Rose	15	60
Lavender	15	60
Peerless Pink	15	60
Purple	15	60
Shell-Pink	15	60
White	15	60
Mixed	15	50

COLLECTION

One pkt. each of 6 colors, our selection, 65c.

Asters, Regular Strains

Not Wilt-Resistant

CALIFORNIA MARKET

Tall, giant, single-flowered, excellent for cutting. The large, daisy-like flowers are very adaptable for floral arrangements.

	Pkt.	Large pkt.
Apple Blossom. Flesh-pink.	\$0 10	\$0 40
Glare of the Garden. Scarlet.	10	40
Lavender	10	40
Rose	10	40
Violet	10	40
White	10	40
Mixed	10	40

CALIFORNIA GIANT ASTERS

The flowers of this variety are of the Crego type, with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty, as well as their long stems, make them very attractive.

	Pkt.	Large pkt.
Dark Purple	\$0 15	\$0 60
Deep Rose	15	60
Light Blue	15	60
Peach Blossom	15	60
White	15	60
Mixed Colors	15	60

COLLECTION

One pkt. each of above 5 colors, 60c.

NEW GIANT PEONY-FLOWERED ASTERS

This is an exceptionally fine strain with flowers of immense size, very double, and borne on long, stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

	Pkt.	Large pkt.
Azure Fairy. Clear azure-blue.	\$0 25	\$0 60
Maiden's Blush. Delicate flesh-color.....	25	60
Purple Robe. Clear purple.....	25	60
Rosebud. Deep rose.....	25	60
Swansdown. Pure white.....	25	60
Mixed	25	60

SINGLE GIANT CALIFORNIA SUNSHINE ASTERS

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals.

	Pkt.	Large pkt.
Lavender	\$0 25	\$0 60
Light Blue	25	60
Rose	25	60
Shell-Pink	25	60
White, Lemon Center	25	60
White, Orange Center	25	60
Mixed	25	50

COLLECTION

One pkt. each of above 6 colors, \$1.25

Two Novelty Super Giant Asters

Giants of California late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

EL MONTE. A deep, glowing crimson. Flowers are large and fluffy, on heavy, non-lateral basal branched stems. Very early. Pkt. 20c.; large pkt. 75c.

LOS ANGELES. Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.

Perennial Aster Michaelmas Daisy

One of the showiest of our late-flowering perennial plants with star-like, single flowers. If sown early will flower the first season.

Choice Mixed. Many beautiful shades.
3 ft. Pkt. 10c.; large pkt. 60c.

ASTER ALPINUS

★**Alpinus.** Purple with large yellow center.
1 ft. Pkt. 15c.; large pkt. 60c.

Alpinus Praecox. Mixed. Pkt. 15c.; large pkt. \$1.00.

Ask for our *Cultural Leaflet No. 202 on the growing of Asters*

Aubrietia • Rainbow Rock Cress

A dwarf, spring-flowering perennial, growing about 6 inches high. Fine for rockeries.

	Pkt.	Large
		pkt.
★ Bougainvillei. Dark blue..	\$0 15	\$0 75
★ Deltoides. Lavender-blue..	15	60
★ New Large-flowering Hybrids, Mixed	15	75

Auricula • Primula Auricula

★**Choice Mixed.** Beautiful low-growing, early spring-flowering plant. Fine for borders, pot-culture, etc. Half-hardy perennial. 6 in. May. Pkt. 10c.; large pkt. 75c.

Baby's Breath. See Gypsophila, page 21

Bachelor's Button

See Centaurea and Gomphrena, pages 16, 21

Double Balsam • Lady's Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers are produced in the greatest profusion. 2 ft.

Camellia-flowered, Choicest Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Double Bush-flowered. This is a new type of dwarf, bush-flowering Balsam. The plants grow 6 to 8 inches tall, are very compact, and entirely covered with double flowers, which make them ideal for edging the rock-garden or for window-boxes.

Choice Mixed. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.00.

Balloon Vine • Love-in-a-Puff

A rapid-growing annual climber with white flowers, followed by inflated seed-pods. Pkt. 10c.; oz. 25c.

Balsam Apple • Momordica

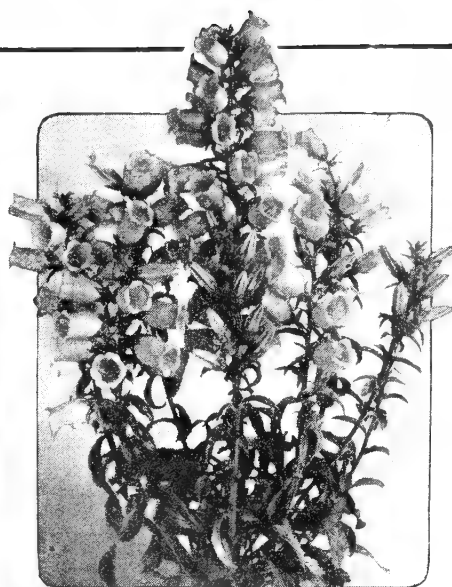
Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit. Pkt. 10c.; large pkt. 30c.; oz. 75c.

Baptisia • False Indigo

Australis. A strong-growing perennial plant 3 feet high. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.



Balsam, Double Bush-flowered
Pkt. 15c.



Annual Campanula
Pkt. 15c.



Annual Chrysanthemums
Pkt. 10c., unless noted



Coreopsis
Mayfield Giant
Pkt. 10c.



Carnation, Giant
Enfant de Nice
Pkt. 25c.

Tuberous-rooted Begonias for that shady place

Bean, Runner

Scarlet. A rapid climber, flowering profusely. Grows 10 to 15 feet high. Pkt. 10c.; ½ lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Begonia semperflorens

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

Darling. *Novelty.* Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders. Pkt. 35c.; large pkt. \$1.00.

Christmas Cheer. Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; large pkt. \$1.25.

Gustav Knaake. Large-flowering pink, with salmon shadings. Excellent for pot-culture. Pkt. 25c.; large pkt. \$1.25.

Salmon Queen. Flowers brilliant salmon-red. Foliage dark green. Pkt. 25c.; large pkt. 75c.

Choice Mixed. All colors. Pkt. 25c.; large pkt. 75c.



Centaurea, Jubilee Gem. Pkt. 15c.

Begonia gracilis

One of the finest outdoor flowering Begonias. 1 ft.

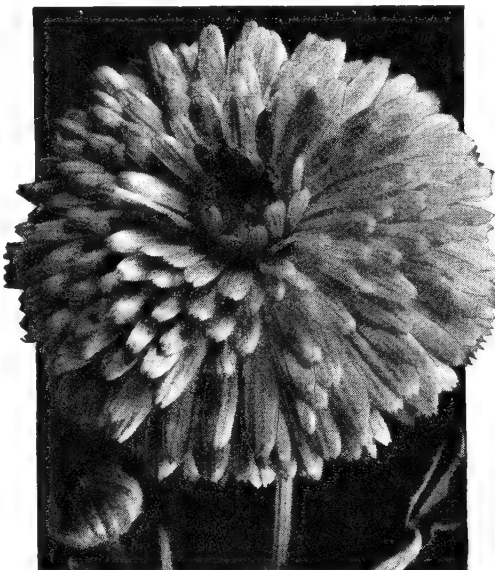
Carmen. Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

Indian Maid. Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

Luminosa. Brilliant fiery dark scarlet. Pkt. 25c.; large pkt. \$1.25.

Prima Donna. Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

White Pearl. Lovely white variety. Pkt. 25c.; large pkt. \$1.25.



Calendula, Sunbeams. Pkt. 25c.

Begonia, Tuberous-Rooted

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

	Pkt.	Large
Single, Choice Mixed.....	\$0 25	\$1 25

Bellis perennis

See Daisy, page 19.

Blue Lace Flower

See Didiscus, page 19.

Brachycome

Choice Mixed. Swan River Daisy. A free-flowering, dwarf-growing annual, 1 foot tall, covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

Browallia

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. Blooms well in winter if the plants are lifted in the autumn and cut back. 1½ ft.

Elata caerulea. Large, sky-blue flowers. Pkt. 10c.; large pkt. 30c.

Speciosa major. Flowers large, ultramarine-blue. Pkt. 20c.; large pkt. 75c.

Viscosa compacta, Sapphire. Large, dark blue flowers with white eyes. Pkt. 20c.; large pkt. 75c.



Candytuft, Michell's Giant White
Pkt. 10c.



Cineraria hybrids
Multiflora grandiflora maxima
Pkt. 50c.

← Calliopsis, Golden Crest
Pkt. 15c.

Try our new *Calendulas* for distinctive novelty

Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers.

Albert Kent Hybrids. A fine English variety for either greenhouse or outdoor culture. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

Feltham Glory. An attractive variety of fairly dwarf, compact habit in an excellent color-range from bright scarlet to pure yellow, in self and spotted forms. Pkt. 50c.; large pkt. \$1.25.

GOLDEN TIGER. Novelty. A new Multiflora nana type. Bright golden yellow flowers, spotted brownish red, produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use. Pkt. 50c.; large pkt. \$1.25.

Kelway's Perfect Model, Originator's Stock. Very beautiful variety of the large-flowering type, containing a fine range of shades and markings. Pkt. 50c.; large pkt. \$1.25.

MICHELL'S RAMONA. This is a Hybrid grandiflora nana type. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt. 50c.; large pkt. \$1.25.

Hybrida grandiflora, Tall Mixed. Large, self-colored flowers from a choice collection. 1½ ft. Pkt. 25c.; large pkt. 85c.

Hybrida grandiflora pumila compacta. Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.

Calendula • Pot Marigold

Free-flowering, showy annuals of easy culture. 1 ft.

SUNBEAMS. An exclusive *Michell Novelty*. An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

ORANGE SHAGGY. All-America Winner. A distinct break in *Calendulas*. Petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Campfire (Sensation). Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Chrysantha (Sunshine). All-America Winner. The large, double, clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Long stems. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

Michell's Spect. Forcing, Orange. Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Ball Orange. Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

Lemon King. Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Orange King. Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Mixed Colors. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

Cactus

All Kinds, Mixed. Growing Cacti from seed is easy and interesting. Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

Calliopsis

Annual Varieties

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

GOLDEN CREST. Award of Merit, All-America Seed Selections. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt. 15c.; large pkt. 30c.; oz. 90c.

Tall Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Dwarf Varieties, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Campanula

Annual Single

A new variety which blooms from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom.

Blue Bell. Another new color in *Campanulas*—a beautiful Cambridge blue shade. The large flowers are borne on long, strong spikes. Pkt. 15c.; large pkt. 30c.

Mission Bell. This new variety is a beautiful clear pink color. Its fine large spikes of blooms are most attractive. Pkt. 15c.; large pkt. 30c.

Wedding Bell. Fine large spikes of pure white flowers. Pkt. 15c.; large pkt. 30c.

Choice Mixture. Blue, pink, and white shades. Pkt. 15c.; large pkt. 25c.

Campanula Medium

Canterbury Bell

Showy, hardy biennial, growing about 3 feet high, with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die.

	Pkt.	Large pkt.	Oz.
Single Blue.....	\$0 10	\$0 25	\$0 75
Single Pink.....	10	25	75
Single White.....	10	25	75
Single Mixed.....	10	25	75
Double Blue.....	10	50	
Double Pink.....	10	50	
Double White.....	10	50	
Double Mixed.....	10	40	1 25

Campanula Medium calycanthema

Cup-and-Saucer Canterbury Bell

These produce beautiful, large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.
Blue.....	\$0 10	\$0 50
Lilac.....	10	50
Pink.....	10	50
White.....	10	50
Mixed.....	¼oz. 60c...	10 40

Canary-Bird Vine

Tropaeolum canariense

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; oz. 40c.

Cardinal Climber

Quamoclit hybrida Sloteri

A rapid grower and free bloomer. Grows to a height of 20 to 30 feet. Leaves dark green and deeply laciniated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Campanula or Bellflower

Perennial Varieties

Well-known, hardy perennials, bearing a profusion of beautiful bell-shaped flowers. Thrive best in light rich soil.

★**Carpaticea, Blue.** Carpathian Harebell. Flowers clear blue. Fine for edging. 6 in. Pkt. 10c.; large pkt. 40c.

★**Carpaticea alba.** Pure white. Pkt. 10c.; large pkt. 40c.

Latifolia macrantha. Handsome, large, purplish blue flowers. 2 ft. Pkt. 10c.; large pkt. 50c.

Persicifolia grandiflora. Peach Bells. Spikes 4 feet tall; immense blue bell-shaped flowers. Pkt. 15c.; large pkt. 50c.

Persicifolia grandiflora alba. Pure white. Pkt. 15c.; large pkt. 50c.

Persicifolia, Telham Beauty. Large, china-blue bells. 2½ ft. Pkt. 35c.; large pkt. \$1.00.

Pyramidalis, Mixed. Chimney Bellflower. Large bell-shaped flowers. 5 ft. Pkt. 10c.; large pkt. 40c.

Candytuft • Iberis

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within eight weeks after sowing.

★**Miniature Gem.** A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes of pure white flowers. Pkt. 15c.; large pkt. 30c.

Carmine. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Crimson. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Empress (Hyacinth-flowered). An excellent variety. Long trusses of white flowers. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Lavender. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Michell's Giant White. Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot-culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Pink. Pkt. 10c.; large pkt. 25c.; oz. 60c.

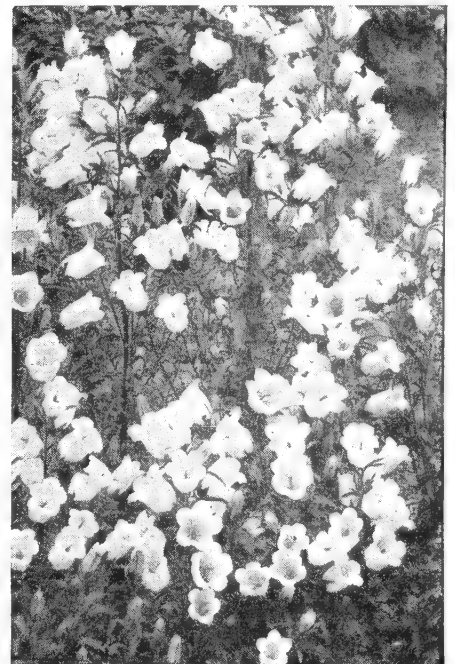
Purple. Deep rich purple. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Rose-Cardinal. Rosy red. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Choice Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 50c.; ¼lb. \$1.25.

★**Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

★**Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.



Campanula Medium

Have you grown the new Feathered Cockscombs?

Carnation ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance.

MARGUERITE, GIANT-FLOWERING, ALDDOUBLE, MIXED. For complete description see Novelties, page 7. Pkt. 25c.; large pkt. 75c.

GIANT ENFANT DE NICE. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter.

Red. Blood-red. Pkt. 25c.; large pkt. 75c.

Rose. Deep rose. Pkt. 25c.; large pkt. 75c.

Salmon. Light. Pkt. 25c.; large pkt. 75c.

White. Pkt. 25c.; large pkt. 75c.

Mixed. Pkt. 25c.; large pkt. 75c.

Rasse Teicher Strain, Mixed. A new European variety, producing large blooms, in a fine range of colors. Choice mixture. Pkt. 25c.; large pkt. \$1.00.

CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

Jeanne Dionis. Pure white. Pkt. 15c.; large pkt. 60c.

Marie Chabaud. Yellow. Pkt. 15c.; large pkt. 60c.

Sparkler. Brilliant cardinal-red. Pkt. 15c.; large pkt. 60c.

The Pearl. Beautiful rose-pink. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 15c.; large pkt. 50c.

MARGUERITE CARNATIONS

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

PERENNIAL CARNATIONS

Grenadin. The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

Black King. A fine dark red. Pkt. 25c.; large pkt. 75c.

Cardinal. Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

Triumph Pink. Pure rose-pink. Pkt. 25c.; large pkt. 75c.

White. Snow-white. Pkt. 25c.; large pkt. 75c.

White Gold. Soft yellow. Pkt. 25c.; large pkt. 75c.

Mixed. Pkt. 25c.; large pkt. 75c.

Early Vienna, Mixed. Large, double flowers. Pkt. 10c.; large pkt. 60c.

Ask for our Cultural Leaflet No. 213 on the growing of Carnations

Castor-Oil Bean. See Ricinus, page 31

Celosia plumosa Feathered Cockscomb

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

Pyramidalis, Improved Flame of Fire. All-America Winner. This new type is, without doubt, the finest in the Pyramidalis group. The flowers are brilliant crimson. 1½ ft. Pkt. 25c.; large pkt. 60c.

Golden Plume. Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

Heatherdell. New Ostrich Plume Cockscomb. A fine new variety with great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot-culture. Pkt. 25c.; large pkt. 75c.

Lilliput, Fire Feather. An extra-select dwarf strain with brilliant orange-red blooms. Pkt. 25c.; large pkt. 60c.

Celosia plumosa, continued

Lilliput, Golden Feather. Extra-select, dwarf strain. Color, bright golden yellow. Pkt. 25c.; large pkt. 60c.

Pride of Castle Gould, Mixed. Immense flower-heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc. Pkt. 15c.; large pkt. 60c.

Spicata. An easy-to-grow, free-branching type, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. Pkt. 15c.; large pkt. 50c.

Scarlet Plume. Pkt. 10c.; large pkt. 40c.

Choice Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Celosia cristata • Crested Cockscomb

Very desirable annuals of easy culture, producing large, brilliant, comb-like heads. Excellent border plants. 1 to 1½ ft.

Cristata Miracle. An excellent tall-growing selection of choice colors, ranging through deep crimson, pinks, bronzes, yellows, making this strain an excellent cut-flower item. 40 in. Pkt. 25c.; large pkt. 75c.

ROYAL VELVET. All-America Winner. New, early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture, surrounded by numerous erect branches mounted with medium-sized combs. Plants are 2 feet high, excellent for cutting. Pkt. 25c.; large pkt. 75c.

Giant Empress. Dwarf. Rich crimson. Pkt. 10c.; large pkt. 50c.

Choice Mixed. Dwarf varieties. Pkt. 10c.; large pkt. 40c.; ¼ oz. 75c.

Centaurea cyanus

Cornflower, Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

MICHELL'S SUPER-GIANT STRAIN. This super strain is the last word in giant-double Cornflowers.

Blue Boy. Deep cornflower-blue. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Pinkie. Clear deep pink. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Red Boy. The best deep red. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Snow Man. Pure white. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Choice Mixture. Pkt. 10c.; large pkt. 25c.; oz. 60c.

JUBILEE GEM. This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$2.00.

CENTAUREA IMPERIALIS

Giant Cornflower, Sweet Sultan

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft.

Lavender Beauty. Large flowers, 3 to 3½ inches across. An easily grown annual, excellent for cutting. Pkt. 15c.; large pkt. 30c.

	Pkt.	Large	Oz.
Brilliant Pink.....	\$0 10	\$0 25	\$0 90
Deep Rose.....	10	25	90
Lavender.....	10	25	90
Lilac.....	10	25	90
Purple.....	10	25	90
White.....	10	25	90
Yellow (C. suaveolens).....	10	25	90
Choice Mixed.....	10	25	75

WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants and hanging-baskets.

Candidissima. Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

Gymnocarpa. Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

VARIOUS CENTAUREAS

Americana. Handsome, large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

Americana alba. Pure white. Pkt. 10c.; large pkt. 25c.

Montana. Hardy Cornflower. Violet-blue. 2 ft. Pkt. 10c.; large pkt. 40c.

Cerastium • Snow-in-Summer

★Tomentosum. Perennial. Dwarf, white-leaved edging plant with white flowers. 1 ft. Pkt. 10c.; large pkt. 40c.

Cheiranthus

★Allioni. Siberian Wallflower. A biennial, but best treated as an annual. Orange flowers. Pkt. 10c.; large pkt. 25c.

Chinese Lantern Plant. See Physalis, page 29

Chinese Woolflower • Celosia Childsi

Very effective for beds and borders; ball-shaped flowers, resembling silky wool; 2½ ft.

	Pkt.	Large
Crimson.....	\$0 10	\$0 50
Pink.....	10	50

Chrysanthemum

ANNUAL VARIETIES

Exquisitely colored, daisy-like flowers.

Golden Glory. New. Large, deep canary-yellow flowers. Pkt. 10c.; large pkt. 30c.; oz. 60c.

Burrigeum. White, zoned scarlet and yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Eastern Star. Primrose, brown eye. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Evening Star. Rich golden yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Morning Star. Canary-yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Northern Star. Giant white, yellow eye. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Purpureum. Deep purple, yellow zone. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Single, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Double Golden Crown. Large full double flowers of bright buttercup-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. 85c.

Double, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 40c.

PERENNIAL CHRYSANTHEMUMS

Early-flowering Double and Semi-Double, Mixed. A perennial variety which can also be treated as an annual. Pkt. 25c.; large pkt. 75c.

Geisha, Mixed. Cascade or Balcony Chrysanthemum. Suitable for hanging-baskets and porch-boxes. Masses of single flowers. Mixed colors only. Pkt. 25c.; large pkt. 75c.

Shasta Daisy, Alaska. Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, Conqueror. Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

Shasta Daisy, New Giant Double White. Novelty. Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

Clematis

Paniculata. Japanese Virgin's Bower. Hardy climber. White, star-shaped flowers borne in great masses in September. Sow seed in autumn and leave outdoors over winter. Pkt. 10c.; large pkt. 25c.

Cleome • Spiderflower

Pink Queen. Silver Medal, 1942 All-America Selections. Masses of curious shaped flower-heads, rose-pink in color. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 75c.

Startling New ANNUALS

MARIGOLD Butterball

Bronze Medal

Masses of tufted, double, canary-yellow flowers cover the compact, dwarf, 8 to 10-inch plants. Pkt. 25c.

COSMOS, Double Orange Ruffles

Large orange flowers with two rows of petals. A distinctly different "double" bloom.

Pkt. 25c.



PETUNIA, Radiance

PETUNIA, Radiance

Silver Medal

Large cerise flowers with brown-veined yellowish throat. Strong growth. Pkt. 25c.

PHLOX, Red Glory

Honorable Mention

Large bright carmine flowers with white centers. Tall plants. Set the plants close for bedding effect. Pkt. 25c.

COLLECTION

One pkt. each of the 5
Annuals pictured \$1.10
on this page . . .

ANTIRRHINUM, Dandy

Semi-dwarf. Rustproof. Compact, dwarf plants. Perfect for pots. Glowing orange florets with white tubes. Pkt. 25c.



ANTIRRHINUM, Dandy. Semi-dwarf, rustproof



PHLOX, Red Glory

RED • WHITE and BLUE

MORNING-GLORIES

In Scarlett O'Hara, Pearly Gates and Heavenly Blue we offer the patriotic colors in Morning-Glories of similar form, size, and habit.

1 pkt. of each for 50c.

MORNING - GLORY
Pearly Gates
Pkt. 25c.



MORNING - GLORY
Heavenly Blue
Pkt. 15c.



COLLECTION

1 pkt. each of the
5 flowers pictured here
for 85c.



ASTERS, CREGO

Gigantic flowers often 5 inches across are held on 15-inch stems over a long season. Mixed colors, pkt. 15c.



SCARLETT
O'HARA
Pkt. 15c.

CLEOME PINK DAWN

Silver Medal. The 4-foot branching plants have huge heads of satiny pink flowers which turn white. Both pink and white flowers always present. Pkt. 25c.



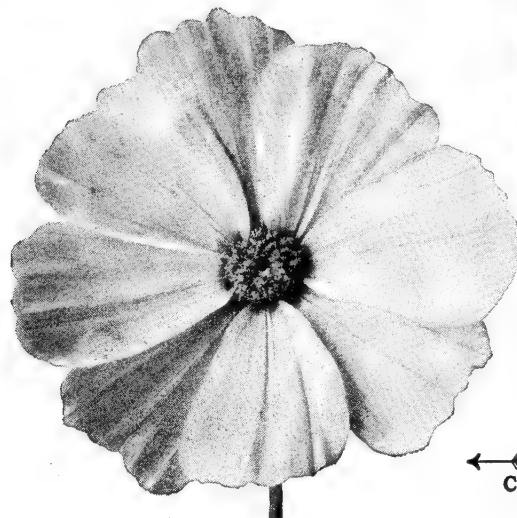
← **Clarkia elegans, Double**
Pkt. 10c.



Cleome, Pink Queen
Pkt. 25c.



Cosmos, Orange Flare
Pkt. 10c.



← **Cosmos, Sensation**
Pkt. 15c.



Celosia, Royal Velvet
Pkt. 25c.

Clarkia elegans

A popular annual of easy culture and much used for cutting, both indoors and out.

Double, Purple Prince. Rich purple. Pkt. 10c.; large pkt. 30c.

Double, Salmon Queen. Brilliant salmon. Pkt. 10c.; large pkt. 30c.

Double, Scarlet Queen. Fiery scarlet. Pkt. 10c.; large pkt. 30c.

Double, Vesuvius. Orange-scarlet. Pkt. 10c.; large pkt. 30c.

Double, White. Pkt. 10c.; large pkt. 30c.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Single, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Cineraria

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

CREMER'S PRIZE STRAIN

Wilt-Resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

MULTIFLORA WEISSENSEER

White Sea

A new variety with flowers almost twice the size of the regular Multiflora strain and in a fine range of blue, rose, and white shades, each flower having a decided white center zone. Plant of dwarf habit. Pkt. 50c.; large pkt. \$1.00.

MULTIFLORA GRANDIFLORA MAXIMA

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.

MULTIFLORA NANA

Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

Mixed Colors. Pkt. 50c.; large pkt. 85c.

GRANDIFLORA PRIZE

Dwarf, Mixed. Pkt. 35c.; large pkt. 85c.

Medium Tall, Mixed. Pkt. 35c.; large pkt. 85c.

Stellata hybrida, Mixed. Star Cineraria. Tall. Pkt. 25c.; large pkt. 75c.

WHITE-LEAVED CINERARIA

Dusty Miller

Maritima candidissima. Silvery green, lacinated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.

Cobaea scandens

Cup-and-Saucer Vine

Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise and merely cover with light soil.

	Pkt.	Large
Purple.....Oz. 75c...	\$0 10	\$0 25
White	10	50

Coleus, Large-leaved Varieties

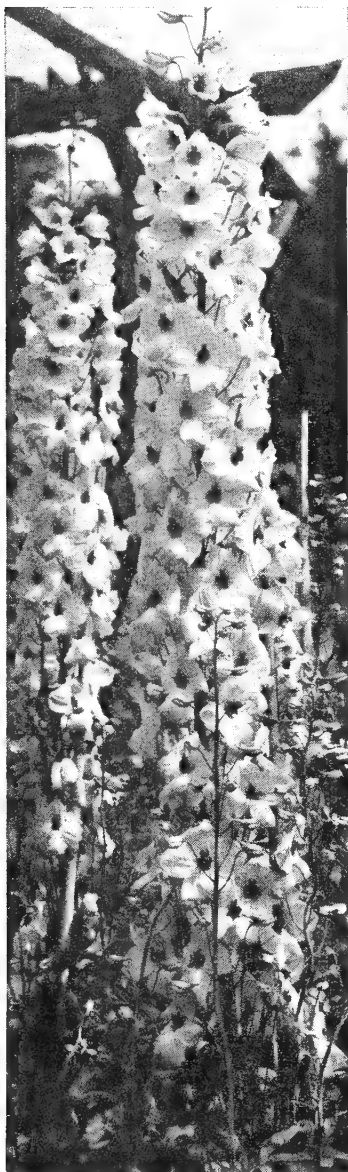
Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink, and cream shades.

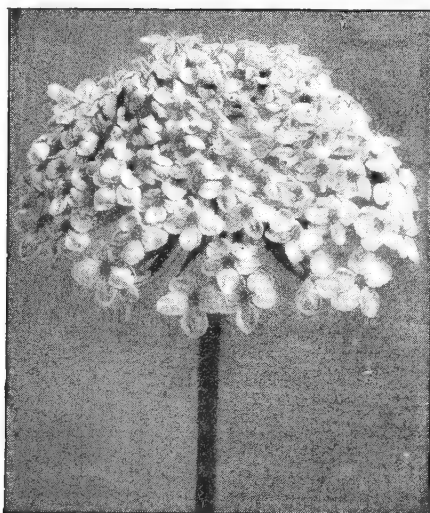
A really fine strain with beautiful form. Pkt. 35c.; large pkt. \$1.00.

Rainbow Mixture. An excellent mixture. Pkt. 35c.; large pkt. \$1.00.

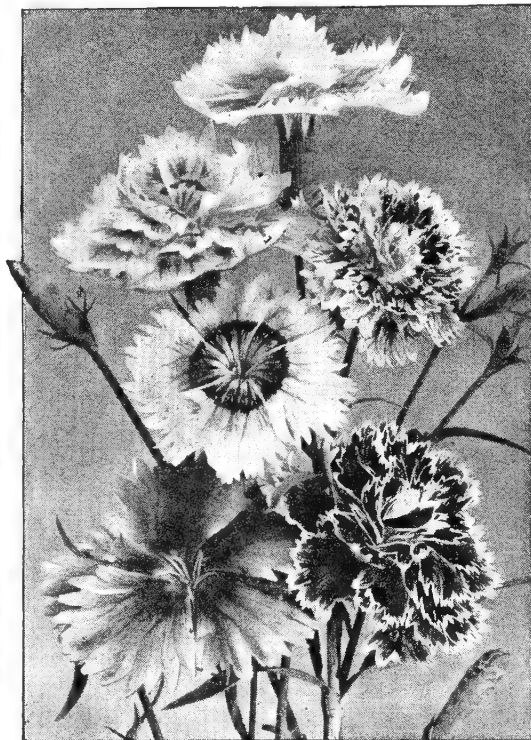
Choice Mixed. Pkt. 25c.; large pkt. 75c.



Wrexham Delphinium Hybrids
Pkt. 50c.



Didiscus caerulea. Pkt. 10c.



Dianthus chinensis. Pkt. 10c.



Digitalis, Giant Shirley. Pkt. 10c.

Coreopsis

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

Lanceolata grandiflora. Single, golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

YELLOW FLARE. Silver Medal, 1942 All-America Selections. For description see Novelties, page 6. Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$1.75.

SEMI-DOUBLE, ORANGE RUFFLES. Novelty 1942. For description see Novelties, page 7. Pkt. 25c.; large pkt. 60c.; 1/4 oz. \$1.25.

New Double Early Sensation, Mixed. Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only of White, Pink, and Crimson. Pkt. 25c.; large pkt. 60c.

Giant Single Sensation

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing. Height, 6 feet.

Cardinal. New crimson color.

Pinkie. Light pink. **Purity.** Pure white. Pkt. 15c.; large pkt. 50c.

Mixed. Pkt. 15c.; large pkt. 40c.; 1/2 oz. 75c.

Single Orange Flare

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. 85c.

DOUBLE EARLY-FLOWERING

This new early-flowering strain will begin blooming in July and continue until frost.

Crimson Pkt. 25c.; large pkt. 60c.
White Pkt. 25c.; large pkt. 60c.
Pink Pkt. 25c.; large pkt. 60c.

Mixed. Pkt. 25c.; large pkt. 50c.

DOUBLE LATE-FLOWERING CRESTED

These are becoming more popular each season. Excellent for cutting.

	Pkt.	Large
	pkt.	pkt.
Mixed	\$0 15	\$0 50

SINGLE EARLY-FLOWERING

This early-flowering strain will commence blooming as early as July and will continue until frost. Flowers measure 3 inches across.

Extra-Early Express Pink. A dwarf variety, 2 to 3 feet high. Medium-sized, bright pink flowers. Pkt. 15c.; large pkt. 30c.

Extra-Early Express, Mixed. Pkt. 15c.; large pkt. 25c.

Crimson. 4 ft. **White.** 4 ft.
Pink. 4 ft.

Pkt. 10c.; large pkt. 25c.; oz. 60c.

Mixed. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

SINGLE LATE-FLOWERING

Large flowers of perfect form on long stems and lasting until frost. 5 to 6 ft.

Giant Crimson. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Giant Pink (Lady Lenox). Pkt. 10c.; large pkt. 25c.; oz. 60c.

Giant White (White Lady.) Pkt. 10c.; large pkt. 25c.; oz. 60c.

Giant Mixed. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Klondyke. Golden yellow flowers. 4 ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

The Monstrosa English Daisies are really immense

Convolvulus • Morning-Glory

Major or Tall Varieties

Imperial. Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 25c.
Imperial, Fringed. Large, fringed flowers of many beautiful colors and shades. Pkt. 10c.; oz. 30c.

Cockscomb. See Celosia, page 16

Cuphea • Cigar Plant

★**Firefly.** New. The plants reach a height of 10 inches, and are completely covered with brilliant scarlet flowers. This is a tender annual, flowering from seed in 12 to 14 weeks, and continuing to bloom throughout the season. Pkt. 25c.; large pkt. 75c.

Platycentra. A pretty, half-hardy perennial. Fine for the border or as a pot-plant. Long, tube-shaped scarlet flowers with black and white lip. Pkt. 25c.; large pkt. 75c.

Cyclamen

Beautiful winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

Michell's Giant Show, Mixed. Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.00.

Cynoglossum • Chinese Forget-Me-Not

FIRMAMENT. All-America Winner. New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut-flower. Pkt. 25c.; large pkt. 40c.

Amabile. An annual of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

AMABILE, PINK. Same as above. Flowers are rich deep pink. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Cyperus • Umbrella Plant

Alternifolius. An elegant plant for growing in water or damp places and useful as a pot-plant. Pkt. 10c.; large pkt. 60c.

Cypress Vine

Ipomoea Quamoclit

Mixed. A very graceful, twining, annual climber, with delicate fern-like foliage. Seed should be soaked for a few hours in warm water before sowing. 15 ft. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Dahlias from Seed

There is no more fascinating flower to raise from seed than the Dahlia.

SINGLE-FLOWERING

Coltness, Scarlet Gem. A dwarf bedding type with bright, single, scarlet flowers. Pkt. 25c.; large pkt. 60c.

Coltness Hybrids, Mixed. Choice mixed colors. Pkt. 25c.; large pkt. 50c.

Giant Perfection, Mixed. Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

DOUBLE-FLOWERING DAHLIAS

California Giants, Mixed. A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; large pkt. \$1.00.

Cactus, Mixed. Choice mixture of the best varieties. Pkt. 10c.; large pkt. 75c.

Large-flowering, Mixed. (Show Type.) Extra fine. Pkt. 10c.; large pkt. 75c.

Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of colors. Pkt. 25c.; large pkt. 75c.

Daisy, English Double

Bellis perennis

These are favorite perennials. Seed may be sown any time from spring until August, transplanted in the fall, and protected during the winter.

	Pkt.	Large pkt.
★ Monstrosa, Etna. Dark red.	\$0 25	\$0 75
★ Monstrosa, Pink	25	75
★ Monstrosa, White	25	75
★ Monstrosa, Mixed	25	75
★ Double, Mixed. Extra fine.	10	60

Delphinium

Hardy Perennial Larkspur

One of the finest hardy perennials. Very effective in beds, masses, or borders. To prolong the season of bloom, cut the old flower-stems off after they have faded.

New Giant Pacific Hybrids. This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

Black Knight Series. Darkest of them all. Pkt. 50c.; large pkt. \$1.75.

Blue Bird. Medium blue, white bee. Pkt. 50c.; large pkt. \$1.75.

Bluejay Series. True blue. Pkt. 50c.; large pkt. \$1.75.

Cameliard Series. Pure lavender self tone with white bee. Pkt. 50c.; large pkt. \$1.75.

Galahad Series. Pure white. Pkt. 50c.; large pkt. \$2.50.

Guinevere Series. Light pink-lavender. Pkt. 50c.; large pkt. \$1.75.

King Arthur Series. Royal purple. Pkt. 50c.; large pkt. \$1.75.

Lancelot Series. Lilac self tone. Pkt. 50c.; large pkt. \$1.75.

Round Table Series. Various color combinations. Pkt. 50c.; large pkt. \$1.75.

Summer Skies Series. Clear light blue. Pkt. 50c.; large pkt. \$1.75.

Dark Blue Shades. Pkt. 50c.; large pkt. \$1.50.

Light Blue Shades. Pkt. 50c.; large pkt. \$1.50.

Pastel Shades. Pkt. 50c.; large pkt. \$1.50.

White Majesty. Pkt. 50c.; large pkt. \$1.75.

Mixed. Pkt. 50c.; large pkt. \$1.50.

Blackmore & Langdon's Imported Strain, Mixed. A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

English Hollyhock, Watkin Samuels' Wrexham Strain. The finest large-flowered type to date. Immense spikes.

Art Shades. Pkt. 50c.; large pkt. \$1.00.

Deep Blue Shades. Pkt. 50c.; large pkt. \$1.00.

Light Blue Shades. Pkt. 50c.; large pkt. \$1.00.

Selected Mixture. Pkt. 50c.; large pkt. 75c.; ½oz. \$1.00.

Belladonna, Improved. One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

Bellamosum, Improved. A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

Cardinale. Very large, scarlet flowers. 3 to 4 ft. Pkt. 25c.; large pkt. 60c.

Gold Medal Hybrids, Mixed. Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

ANNUAL DELPHINIUMS

Cambridge Blue. Light Belladonna blue. 3 ft. Pkt. 15c.; large pkt. 60c.

Blue Butterfly. An annual variety of an exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.25.

Grandiflorum, Blue. An annual strain with sprays of bright blue flowers. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Grandiflorum album. Same as above except color. Pure white flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

NOTE.—The seed of Cardinale is of slow germination

Dianthus • Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

SWEET WIVELSFIELD

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

DOUBLE ANNUAL

Chinensis, Mixed. China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Fringed, Mixed. Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Japan Pink, Mixed. Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

SINGLE ANNUAL

Japan Pink, Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

HARDY GARDEN PINKS

★**Allwoodi alpinus.** A perfect gem for the rock-garden. Choice colors. 4 to 6 in. Pkt. 25c.; large pkt. 75c.

★**Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.

Clove-scented, Mixed. Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.

★**Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 50c.

Double Scotch, Mixed. Choice colors. Pkt. 10c.; large pkt. 50c.

Latifolius atrococcineus fl.-pl. Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; large pkt. 30c.

Loveliness. New. An exquisite, single, mauve-pink sort, with delightful fragrance. Pkt. 25c.; large pkt. 75c.

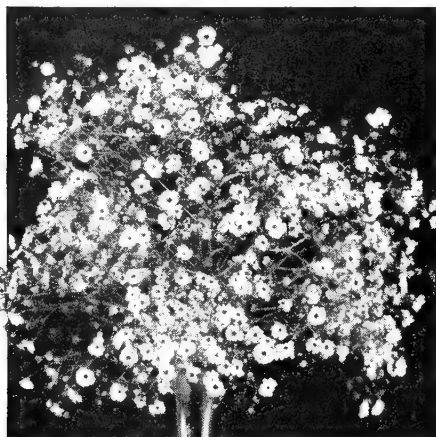
Pheasant's Eye, Mixed. Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

★**Plumarius, Cyclops.** Single Perpetual Grass Pink. Assorted colors with blood-red eye. Pkt. 15c.; large pkt. 40c.

★**Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

Didiscus

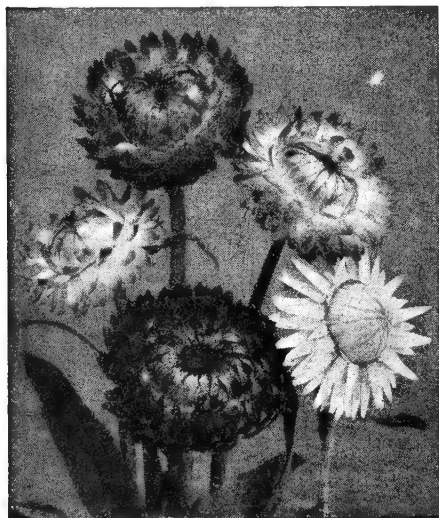
Cærulea. Blue Lace Flower. Improved strain. An easily grown annual which is becoming very popular. The plant grows about 1½ feet high and produces attractive, umbel-shaped flowers of lace-like appearance. Color a delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.



Gypsophila elegans alba grandiflora
Pkt. 10c.



Gaillardia, Indian Chief. Pkt. 10c.



Helichrysum (Strawflower)
Pkt. 10c.



Eschscholtzia. Pkt. 10c.



Gomphrena. Pkt. 10c.



Helianthemum mutabile
Pkt. 15c.

Dictamnus • Gas Plant

Fraxinella. Showy, bushy perennials, 2½ feet high. Purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

Giant Shirley, Mixed. An excellent giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt. 10c.; large pkt. 40c.

Gloxiniæflora, Pink. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Gloxiniæflora, Purple. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Gloxiniæflora, White. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Gloxiniæflora, Mixed. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

Grandiflora. Light yellow. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Dimorphotheca

Aurantiaca. African Orange Daisy. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Aurantiaca hybrids, Mixed. A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Dolichos • Hyacinth Bean

Lablab, Mixed. Rapid-growing annual climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt. 10c.; oz. 20c.

Dracaena

Ornamental plants for vases or conservatory decoration.

Australis. Broad green leaves. Pkt. 10c.; large pkt. 30c.

Indivisa. Narrow green leaves. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Dusty Miller. See *Centaurea*, page 16 and *Cineraria*, page 17

Echinocystis

Wild Cucumber Vine

Lobata. One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt. 10c.; oz. 30c.

Echium

Blue Bedder. Deep bright blue bell-flowers, very compact. Annual plants that thrive well in poor soil. 1 to 1½ ft. Pkt. 10c.; large pkt. 25c.

Eschscholtzia • California Poppy

An elegant, hardy annual with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds. 1 ft.

Californica. Pure yellow. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Carmine King. Deep carmine. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Golden West. Large golden yellow flowers. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Mandarin. Inside petals orange, outside petals scarlet. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Vesuvius. Rich wallflower or coppery red. Pkt. 10c.; large pkt. 25c.; oz. 60c.

White. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Choice Mixed. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Edelweiss • Leontopodium

★**Alpinum.** An excellent perennial rock-plant with silvery white flowers. Pkt. 25c.; large pkt. 75c.

Erigeron • Fleabane

Speciosus grandiflorus. A summer-flowering perennial plant with large, rosy lilac, aster-like flowers. 2 ft. Pkt. 10c.; large pkt. 75c.

Evening Primrose

See *Oenothera*, page 26

Everlasting Flowers

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

Acroclium

Showy, free-flowering annual plants. Excellent for cutting. 1 ft.

Sensation Giants. *New.* An improved strain that grows 6 to 8 inches taller. Each flower is full, double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 25c.; large pkt. 60c.

	Pkt.	Large	Oz.
	10c.	25c.	60c.
Double, Mixed	\$0 10	\$0 25	\$0 60

Gomphrena • Globe Amaranth

Also called "Bachelor's Buttons." A showy annual Everlasting.

Golden Yellow. Pkt. 10c.; large pkt. 40c.
Nana compacta. Dwarf. Red. 1 ft. Pkt. 10c.; large pkt. 30c.

Mixed. All colors. 2 ft. Pkt. 10c.; large pkt. 25c.

Helichrysum monstrosum

Strawflower

One of the best and most popular of the Everlastings. Large, double blooms. 2 ft.

Buttercup Yellow. Canary-yellow. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Fireball. Crimson. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Golden Ball. Golden yellow. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Rose-Carmine. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Rose Queen. Immense flowers of a rich deep rose. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Salmon-Pink. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Silver Ball. White. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Violet. Pkt. 10c.; large pkt. 30c.; oz. 90c.

Choice Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Rhodanthe

Swan River Everlasting

Mixed Colors. A beautiful annual for the garden or for pot-culture. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Xeranthemum • Immortelle

Double, Mixed. Showy annual, producing a profusion of flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Euphorbia

Annual plants suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage. 2 to 3 ft.

Heterophylla. Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Variegata. Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Feverfew. See *Matricaria*, page 23

Flowering Tobacco. See *Nicotiana*, page 25

Forget-me-not. See *Myosotis*, page 25

Four o'Clock. See *Marvel of Peru*, page 24

Foxglove. See *Digitalis*, page 20

Gaillardia • Blanket Flower

ANNUAL VARIETIES

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November. 15 to 18 in.

Indian Chief. Single; brilliant bronzy red. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Double Annual, Mixed (*G. picta Lorenziana*). Pkt. 10c.; large pkt. 25c.; oz. 60c.

Single Annual, Mixed (*G. picta*). Pkt. 10c.; large pkt. 25c.; oz. 60c.

PERENNIAL VARIETIES

One of the most showy hardy perennials, blooming the first year from seed if sown early. 2 ft.

★**Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

Grandiflora, Burgundy. Bright copper-red blooms on long stems. Very free flowering. Pkt. 25c.; large pkt. 50c.

Grandiflora, Goblin. A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

Grandiflora, Portola Hybrids. Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

Grandiflora, Tangerine. Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

Grandiflora superba, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Geranium

Zonale, Mixed. A superb strain of the largest and finest varieties. 1 to 2 ft. Pkt. 10c.; large pkt. 75c.

Gentiana • Blue Gentian

★**Acaulis.** Dwarf, hardy perennial. Deep blue flowers. Suited to moist, shady situations. The seed is of slow germination. Pkt. 10c.; large pkt. 75c.

Gerbera • Transvaal Daisy

Jameisoni Hybrids, Mixed. Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds 60c.

Geum

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets. 1½ ft.

Atrosanguineum fl.-pl. Dark crimson. Pkt. 10c.; large pkt. 60c.

Lady Stratheden. Golden yellow. Pkt. 25c.; large pkt. 60c.

Mrs. Bradshaw. Brilliant scarlet. Pkt. 15c.; large pkt. 60c.

Gilia

Capitata. A very graceful annual, growing about 2 feet high. Lavender-blue flowers. Excellent for cutting. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Globe Amaranth

See *Gomphrena*, in first column

Gloxinia

Hybrida grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a celebrated specialist. Pkt. 25c.; large pkt. 85c.

Godetia • Satin Flower

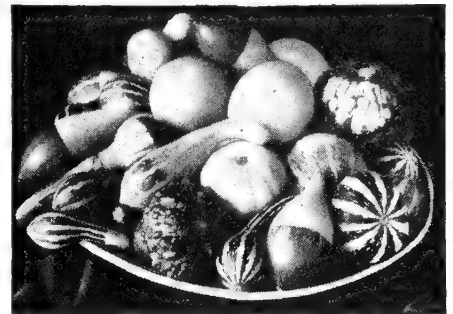
Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

Azaleaflora carminea. Dwarf. Double; bright carmine colors. Excellent for pot-culture; really a miniature *Azalea*. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Choice Mixed. Tall; double. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Gomphrena • Globe Amaranth

See Everlastings, in first column



Gourd, Ornamental

Rapid-growing, interesting annual climbers with ornamental foliage and singular-shaped fruit. 15 to 20 ft.

GREEN SNAKE. A new strain of the Luffa or Dishcloth. The fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Large Sorts, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Small Sorts, Mixed. Pkt. 10c.; large pkt. 25c.; oz. 50c.

Gypsophila • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft.

Elegans alba grandiflora. True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 30c.; ¼ lb. 75c.

Elegans carminea. Bright carmine-rose. Pkt. 10c.; oz. 40c.

Elegans rosea. Pink. Pkt. 10c.; oz. 40c.

Oldhamiana. Hardy type. Bright pink, fragrant flowers. Pkt. 10c.; large pkt. 50c.

Paniculata. Hardy perennial variety with white flowers in graceful sprays. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Paniculata fl.-pl. Perennial, with a profusion of double white flowers coming 30 to 40 per cent true. Pkt. 20c.; large pkt. 75c.

★**Repens.** A pretty dwarf, trailing perennial plant for the rockery. Tiny white flowers. Pkt. 10c.; large pkt. 50c.

★**Repens rosea.** Pinkish white flowers. Pkt. 10c.; large pkt. 50c.

Grevillea • Silk Oak

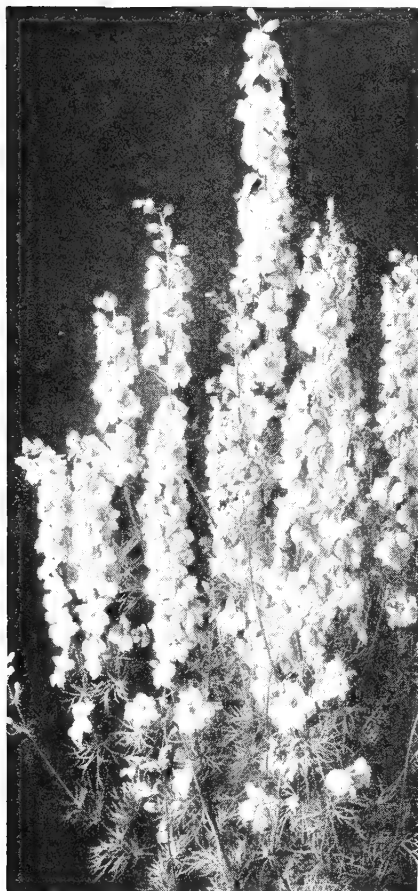
Robusta. A beautiful and graceful decorative plant with fern-like foliage. Excellent for table decoration. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Hardy Sweet Peas

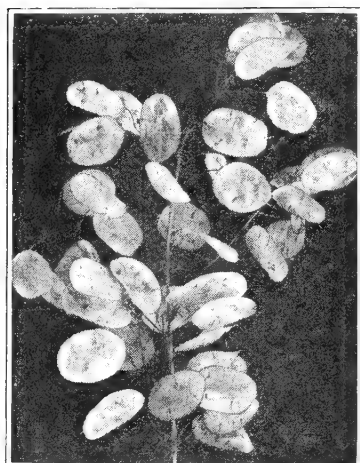
See *Lathyrus*, page 23



Helianthus (Cut-and-Come-Again)
Annual Sunflower
Pkt. 10c.



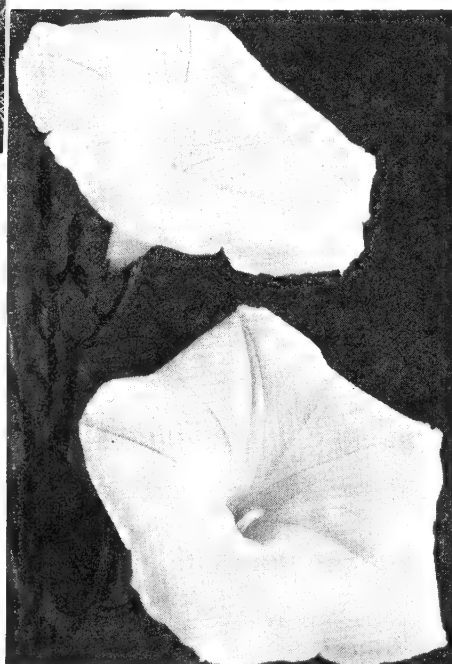
Larkspur, Giant Imperial. Pkt. 15c.



Honesty (Money Flower)
Pkt. 10c.



King Lupin (Lupinus). Pkt. 10c.



Ipomoea, Pearly Gates
Pkt. 25c.

Helianthemum • Rock, or Sun Rose

★**Mutabile, Mixed.** A very pretty perennial for the rockery, completely covered with masses of bloom from May to June. Choice mixed varieties. 8 in. Pkt. 15c.; large pkt. 40c.

Helichrysum

See Everlastings, page 21

Helianthus. See Sunflower, page 32

Heliotrope

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding. 1½ ft.

King of the Blacks. Rich purple-black. Pkt. 15c.; large pkt. 60c.

Lemoine's Giant, Mixed. Produces very large heads of flowers. Pkt. 15c.; large pkt. 60c.

Regal, Mixed. Of dwarf, compact growth. Immense flowers. All shades. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 10c.; large pkt. 60c.

Helleborus

Niger. Christmas Rose. Perennial. Seed germinates slowly. 15 in. Pkt. 10c.; large pkt. 40c.

Heteropappus • Blue Daisy

Hispidus. New. A fine annual of compact growth, with daisy-like flowers, 1 to 1½ inches across, in shades of lavender and azure-blue, with yellow centers. Very free flowering. Desirable for cutting. Pkt. 25c.; large pkt. 75c.

Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter.

	Pkt.	Large pkt.
Giant Dark Red	\$0 10	\$0 30
Giant Pink	10	30
Giant White	10	30
Giant Choice Mixed	10	30

Hollyhock

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

Triumph, Mixed. New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; large pkt. 60c.

Chater's Double Maroon. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Newport Pink. Pure pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.25.

Chater's Double Pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Red. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Salmon. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double White. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Yellow. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Chater's Double Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

Double Everblooming, Mixed. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

SINGLE HOLLYHOCK

	Pkt.	Large pkt.	Oz.
Mixed Colors	\$0 10	\$0 25	\$0 75

There is no substitute for the old-fashioned Hollyhock

Hunnemannia

Giant Yellow Tulip Poppy

Seed sown outdoors in May produces large quantities of giant, tulip-like flowers during latter part of July and continuing for the rest of the season. 1 ft.

Fumariæfolia. Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Sunlite. All-America Winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

Honesty • Lunaria; Moonwort

Biennis alba. Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt. 10c.; large pkt. 40c.

Impatiens

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

Holsti. Flowers large, vermilion-red. Pkt. 20c.; large pkt. 75c.

Holsti, New Hybrids, Mixed. Choice mixed colors. Pkt. 15c.; large pkt. 75c.

Sultani. Bright rose. Pkt. 15c.; large pkt. 75c.

Sultani Hybrids, Mixed. Various colors. Pkt. 15c.; large pkt. 75c.

Ipomoea

PEARLY GATES. Silver Medal, 1942 All-America Selections. For description see Novelties, page 6. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75.

SCARLETT O'HARA. All-America Winner. A new early-flowering Morning-Glory. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet, but lacking the harshness usually found in this color. Its first flowers will begin to appear in about sixty-five days from seed. A very prolific bloomer, and the flowers remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Clarke's New Early Improved Heavenly Blue Morning-Glory. See color illustration facing page 17. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

Noctiflora. Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Kochia • Summer Cypress

Childsi. An easily grown annual which forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Lantana hybrida, Choice Mixed

An easy-to-grow annual bedding plant, bearing in great profusion verbena-like flower-heads in white, rose, orange, scarlet. 2 ft. Pkt. 10c.; large pkt. 30c.

Lathyrus latifolius

Everlasting or Perennial Pea

Showy, hardy perennial climber for covering walls, stumps, fences, etc. 6 to 8 ft.

Crimson. Brilliant. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Pink Beauty. Bright rosy pink. Pkt. 10c.; large pkt. 25c.; oz. 75c.

White. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Choice Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Larkspur, Annual

Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fern-like foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

Larkspur, Perennial

See Delphinium, page 19

GIANT IMPERIAL

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

LILAC KING. New 1942. A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur. Pkt. 25c.; large pkt. 60c.

PINK KING. New. Soft, warm salmon-rose. Pkt. 25c.; large pkt. 60c.

Blue Bell. Clear light blue. Pkt. 15c.; large pkt. 40c.

Blue Spire. An intense deep Oxford-blue. Pkt. 15c.; large pkt. 40c.

Carmine King. Rich carmine. Pkt. 15c.; large pkt. 40c.

Coral King. Blush-pink. Pkt. 15c.; large pkt. 40c.

Daintiness. Delicate pale lavender. Pkt. 15c.; large pkt. 40c.

Exquisite Rose. A beautiful shade of rose-pink. Pkt. 15c.; large pkt. 40c.

Gloria. Fine deep rose. Pkt. 15c.; large pkt. 40c.

Lilac Queen. Rich lilac, shading lavender-blue. Pkt. 15c.; large pkt. 40c.

Lilac Spire. Bright lilac. Pkt. 15c.; large pkt. 40c.

Los Angeles. Rich salmon overlaid with brilliant rose. Pkt. 15c.; large pkt. 40c.

Miss California. Pale shaded salmon. Pkt. 15c.; large pkt. 40c.

Pink Perfection. Lively shade of light pink; large florets. Pkt. 25c.; large pkt. 40c.

Sweet Lavender. Light lavender-blue. Pkt. 15c.; large pkt. 40c.

WHITE KING. Novelty. All-America Winner. Giant, pure white flowers on long spikes. Pkt. 15c.; large pkt. 40c.

White Spire. A dazzling pure white. Pkt. 15c.; large pkt. 40c.

Choice Mixed. Pkt. 15c.; large pkt. 30c.; oz. \$1.10.

COCKADE. A new improved strain of base-branching Giant Imperial type symmetrical plant with longer spikes.

Blue Cockade. A rich lilac-blue. Pkt. 20c.; large pkt. 50c.

Rose Cockade. Salmon-rose. Pkt. 20c.; large pkt. 50c.

Sapphire Cockade. Deep lilac. Pkt. 20c.; large pkt. 50c.

White Cockade. Pure white. Pkt. 20c.; large pkt. 50c.

Mixed. Pkt. 20c.; large pkt. 50c.

TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

Dark Blue. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Exquisite Pink. An extra-fine variety with blooms of a beautiful soft pink shade. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Lilac. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Lustrous Carmine. Newport pink. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Shell-Pink. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Sky-Blue. Pkt. 10c.; large pkt. 30c.; oz. 85c.

White. Pkt. 10c.; large pkt. 30c.; oz. 85c.

Mixed. All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Lavender • Lavandula vera

Well-known hardy perennial, bearing long spikes of fragrant blue flowers. 1½ ft. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

Leptosyne

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.

Maritima. Large, lemon-yellow, Marguerite-like flowers. 3 ft. Pkt. 10c.; large pkt. 30c.

Lobelia

No garden is complete without an edging of blue Lobelia.

Sutton's Cambridge Blue. New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.

Mrs. Clibran. Dwarf type. Flowers deep blue with clear white eyes. Excellent for borders. Pkt. 20c.; large pkt. 75c.

Crystal Palace Compacta. Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 60c.

Crystal Palace Speciosa. Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.

Michell's Blue Stone. An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.

Sapphire. A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

Mixed. All colors. Pkt. 10c.; large pkt. 40c.

Cardinalis. Cardinal Flower. Hardy perennial, with long spikes of cardinal-red flowers. Pkt. 10c.; large pkt. 75c.

Liatris • Blazing Star

Pycnostachya. A showy hardy perennial border plant with long spikes of violet-purple flowers. 4 ft. Pkt. 15c.; large pkt. 60c.

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; large pkt. 75c.

Linaria • Toadflax

Fairy Bouquet, Mixed. Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.

Maroccana Hybrids, Mixed. A very showy annual. 1 ft. Pkt. 10c.; large pkt. 25c.

Linum • Flax

Flavum. Perennial. Yellow Flax. 2 ft. Pkt. 15c.; large pkt. 60c.

Grandiflorum rubrum. Annual. Large-flowered scarlet Flax. 16 in. Pkt. 10c.; large pkt. 25c.

Perenne. Hardy perennial variety with bright blue flowers. 1½ ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Matricaria • Feverfew

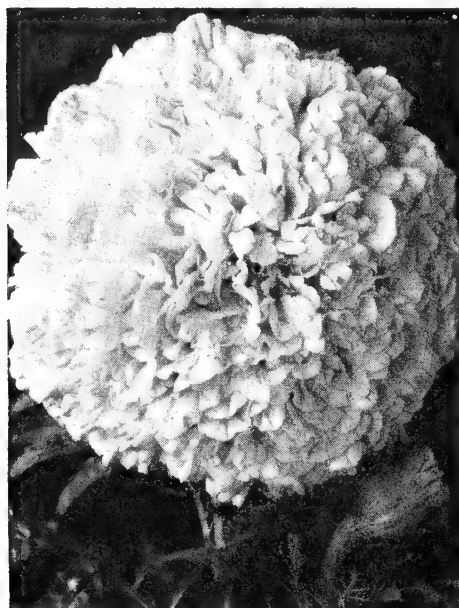
BALL STRAIN. A fine pure white, which has long stems. This variety comes from 80 per cent to 85 per cent true, full doubles. Fine for outdoors. Pkt. 15c.; large pkt. 50c.

Double White. Hardy annual, for bedding or pot-culture. White flowers. 1½ ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

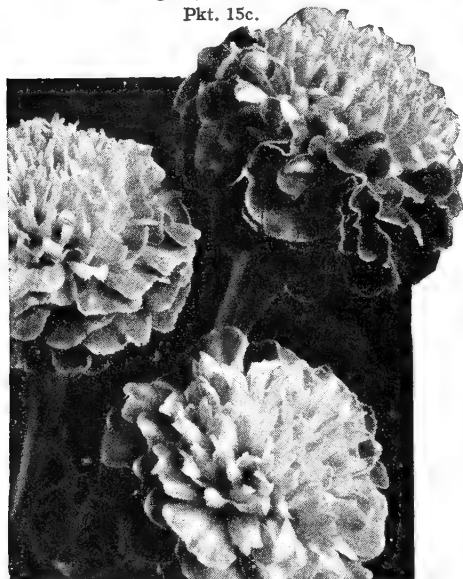
Golden Ball. Perennial. Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

Matthiola

Bicornis. Evening Scented Stock. A desirable annual on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 60c.



Marigold, Sunset Giant
Pkt. 15c.



Marigold, Harmony. Pkt. 15c.

Lychnis

Elegant hardy perennials of easy culture, for massing in large beds or borders.

Arkwrighti. Excellent hybrids. Free flowering. Pkt. 10c.; large pkt. 50c.

Chalcedonica. Rose Campion. Fine, scarlet, cross-like flowers. July. 2 ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Haageana, Mixed. Large, brilliant orange, scarlet, pink, and crimson flowers. July. 1 ft. Pkt. 10c.; large pkt. 60c.

★**Viscaria splendens.** Very showy. Bright rose-red. Fine for the rockery. 1 ft. Pkt. 10c.; large pkt. 75c.

Marvel of Peru • Four o'Clock

Choice Mixed. Free-flowering garden favorites. 2 ft. Pkt. 10c.; oz. 50c.

Mimulus

Moschatus. Musk Plant. The old-fashioned variety with yellow flowers. Pkt. 15c.; large pkt. 50c.

★**Tigrinus, Mixed.** Monkey Flower. Fine mixture of tigered and spotted varieties. 1 ft. Pkt. 10c.; large pkt. 50c.

Lilium • Lily

Philippinense formosanum, White Swan.

A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. Pkt. 25c.; large pkt. \$1.00.

Philippinense formosanum. Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft. Pkt. 15c.; large pkt. 50c.

Regale. Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

Tenuifolium. Siberian Lily. Coral-red. 20 in. Pkt. 15c.; large pkt. 30c.

Love-in-a-Mist. See Nigella, page 25.

Lupinus • Lupin

ANNUAL VARIETIES

NEW HARTWEGI GIANTS or KING

A new and improved strain that grows from 3 to 4 feet high, with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

King Blue. Enormous spikes of rich Oxford-blue color. Pkt. 15c.; large pkt. 25c.

King Sky-Blue. Clear light blue. Pkt. 15c.; large pkt. 25c.

King White. Glistening pure white. Giant spikes. Pkt. 15c.; large pkt. 25c.

Choice Mixture. Pkt. 10c.; large pkt. 25c.

	Pkt.	Large pkt.	Oz.
King Blue	\$0 10	\$0 25	\$0 50
Pink	10	25	50
Sky-Blue	10	25	50
White	10	25	50
Mixed. All colors....	10	25	40

Lupinus polyphyllus

PERENNIAL VARIETIES

Hardy perennials of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June. 2 to 3 ft.

Russell. This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fan-like standards, and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. We offer seed grown from the originator's stock. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

Blue. Pkt. 10c.; large pkt. 30c.

Luteus. Yellow shades. Pkt. 15c.; large pkt. 40c.

Moerheimi. Pink and white. Pkt. 15c.; large pkt. 30c.

Roseus. Pink. Pkt. 10c.; large pkt. 30c.

Salmon Queen. A beautiful variety in salmon shades. Pkt. 25c.; large pkt. 50c.

White. Pkt. 10c.; large pkt. 30c.

Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

New Hybrids, Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Mesembryanthemum

Criniflorum. Livingstone Daisy. Plant of slightly spreading habit, literally covered with small flowers in a range of delightful shades. Pkt. 25c.; large pkt. 60c.

Crystallinum. Ice Plant. Dwarf trailing annual for rockeries, edgings and vases. Singular icy foliage; flowers white. Pkt. 10c.; large pkt. 25c.

MARIGOLD • Tagetes

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.

DWARF FRENCH HARMONY TYPE, BUTTERBALL. Bronze Medal, 1942 All-America Selections. Early. Canary-yellow. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 60c.

DWARF CHRYSANTHEMUM-FLOW-ERED, GOLDEN BEDDER. Bronze Medal, 1942 All-America Selections. Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt. 25c.; large pkt. 75c.

DWARF DOUBLE FRENCH, MELODY. Bronze Medal, 1942 All-America Selections. Golden yellow. Harmony-type flowers. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 60c.

MISSION GIANTS, YELLOWSTONE. Honorable Mention, 1942 All-America Selections. Rich clear yellow. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 75c.

GIANT CHRYSANTHEMUM-FLOW-ERED, GOLDSMITH. Bronze Medal, All-America Selections. Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms, measuring from 4 to 5 inches in diameter. Pkt. 25c.; large pkt. 60c.

DWARF GIGANTEA, POT O'GOLD. New. Well-branched, dwarf, compact, growing 12 inches tall. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. Pkt. 25c.; large pkt. 75c.

MICHELL'S EARLY GOLDEN JUBILEE.

Exclusive Introduction. Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. 3½ to 4 feet tall. Pkt. 25c.; large pkt. 75c.

NEW GIANT HYBRIDS. These hybrids consist of many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. Plants are about 3 feet high. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

TALL AFRICAN

Tall-growing, from 2½ to 4 feet high.

GIGANTEA, SUNSET GIANTS. Exceptionally free flowering and lacks the usual Marigold odor. The flowers are loosely formed, and come in a mixture of colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Gigantea, Orange Sunset. Flowers are unquestionably the largest Marigolds to date. The color is a deep, rich, lively orange. Pkt. 25c.; large pkt. 50c.

Alldouble Orange. (Originator's stock.) This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

Alldouble Lemon. (Originator's stock.) Fine clear yellow variety which will produce alldouble flowers. Pkt. 15c.; large pkt. 50c.

Giant Golden Emblem. This variety is a rich lemon-gold, with very large flowers measuring from 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

Golden Eagle. Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.

The New Giant Hybrid Marigolds are grand cut-flowers

Tall African Marigold, continued

Guinea Gold. A distinct type producing no singles whatsoever, the flowers coming 100 per cent double and semi-double. Color, clear orange, flushed with gold. Pkt. 10c.; large pkt. 50c.

Lemon Queen. Soft lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Orange Prince. Large flowers of a deep golden orange color. Very showy. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Sunrise. An early-blooming form of Dixie Sunshine. The color is a rich brilliant golden yellow. Pkt. 15c.; large pkt. 50c.

Yellow Supreme. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt. 15c.; large pkt. 50c.

Large African, Mixed. Tall; double. Pkt. 10c.; large pkt. 25c.; oz. 75c.

DWARF AFRICAN

This new strain of Dwarf African Marigold is admirably adapted for bedding. Plants sturdy and free flowering; excellent for borders or solid beds.

EXTRA-EARLY DWARF CARNATION-FLOWERED HYBRIDS. This, the earliest of all African-type Marigolds, is very free flowering and ranges in color from bright orange to clear lemon. It grows to a height of 1½ feet with 2½ to 3-inch Guinea-Gold-type flowers. Pkt. 25c.; large pkt. 50c.

TOM THUMB, GOLDEN CROWN. An excellent new dwarf type growing 12 to 15 inches high. The plants are compact and covered with yellow blooms similar to the popular Guinea Gold. Pkt. 15c.; large pkt. 60c.

LITTLE GIANTS, MIXED. The plants are compact, growing 15 to 18 inches high, and are literally covered with blossoms. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

DOUBLE FRENCH

DWARF SCARLET GLOW. *Honorable Mention, All-America Selections.* A distinct new bronzy red color. Compact, bushy growth of about 1 foot, flowers are 1¾ to 2 inches across. The largest and brightest double red French sort. Pkt. 25c.; large pkt. 60c.

DWARF SPRY. *Silver Medal, All-America Selections.* Extra dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt. 25c.; large pkt. 75c.

DWARF, HARMONY HYBRIDS. The plants grow 12 to 14 inches high. Flowers are of medium size and the color range includes innumerable combinations of the popular Harmony Marigold. Pkt. 25c.; large pkt. 50c.

HARMONY TYPE, DWARF, SPOT-LIGHT. Scabiosa-like flowers with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. Pkt. 25c.; large pkt. 60c.

SCABIOUS-FLOWERED, ORBIT. Compact and free flowering. Height 11 inches. The color is a deep golden yellow with quilled center. Pkt. 25c.; large pkt. 50c.

SCABIOUS-FLOWERED, CORONET. A new strain of Harmony Marigold, the flowers of which have a deep golden yellow center with brown guard. Pkt. 25c.; large pkt. 50c.

SCABIOUS-FLOWERED, GOLDEN HARMONY. *New.* A solid bright golden yellow with the same color guard petals. Pkt. 25c.; large pkt. 50c.

Double French Marigold, continued

HARMONY. Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

DWARF ALDDOUBLE, ROYAL SCOT. Every plant of uniform shape and height (10 to 12 inches). Color, rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

Dwarf Gold-striped. Double; brownish red, striped golden yellow. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Golden Ball. Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Lemon Ball. Pale sulphur-yellow. Plants very compact. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Mahogany. Rich mahogany-brown. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Robert Beist. Very large, dark maroon flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

DWARF, YELLOW PIGMY. Light lemon-yellow. Grows 8 inches high. Free flowering. Pkt. 15c.; large pkt. 30c.; oz. \$1.25.

Dwarf Double French, Mixed. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 60c.

SINGLE FRENCH DWARF VARIETIES

Fire Cross. New dwarf single variety. Flowers deep orange-yellow, each petal marked with a crimson-maroon blotch. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Legion of Honor (Little Brownie). Single golden yellow velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Signata pumila (Tagetes). Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. 85c.

SINGLE FRENCH TALL VARIETIES

FLAMING FIRE. Flaming red and yellow. Fine cut-flowers. Pkt. 10c.; large pkt. 30c.

FERDINAND. A neat, round, crested center of golden yellow, surrounded by a single row of broad, mahogany-red guard petals. Pkt. 25c.; large pkt. 40c.

Tall French, Australian Giant or Tree. Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

Tall Single French, Josephine. Dark brown with gold edges. Pkt. 10c.; large pkt. 25c.; oz. 75c.

TALL DOUBLE FRENCH

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

COLLARETTE

Crown of Gold. Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼oz. 75c.

Lieb's Winter-flowering

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

Mignonette

No garden is complete without this fragrant flower.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches. Fragrant. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Goliath. Giant spikes of red flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Machet. Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

New York Market. A selected strain. Pkt. 15c.; large pkt. 40c.; oz. \$1.25.

Sweet-scented. The popular garden sort. Pkt. 10c.; oz. 25c.

Morning-Glory

See Ipomœa (p. 23) and Convolvulus (p. 19)

Ipomœa, Pearly Gates. *Silver Medal, 1942 All-America Selections.* For complete description see Novelties, page 6.

Clarke's New Early Improved Heavenly Blue. See color illustration facing page 17. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

SCARLETT O'HARA. *All-America Winner.* A new, early-flowering Morning-Glory. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet, but lacking the harshness usually found in this color. The first flowers will begin to appear in about sixty-five days from seed. A very prolific bloomer, and the flowers remain open all day, even in the warmest weather. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Mexican Fire-Plant

See Euphorbia Heterophylla, page 21

Monkshood. See Aconitum, page 9

Moonflower. See Ipomœa, page 23

Mourning Bride. See Scabiosa, page 32

Myosotis • Forget-Me-Not

Beautiful, half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.

Blue Basket. Fine dark blue of upright growth. Pkt. 10c.; large pkt. 60c.

Alpestris, Victoria. Of bushy habit, bearing large bright blue flowers. Very fine. 6 in. Pkt. 10c.; large pkt. 75c.

Grandiflora alba. Large white flowers. 8 in. Pkt. 10c.; large pkt. 60c.

Grandiflora rosea. Large pink flowers. 8 in. Pkt. 10c.; large pkt. 60c.

Michell's Winter-flowering. The finest variety for forcing. Long stems; deep blue flowers. Pkt. 15c.; large pkt. 75c.

Palustris semperflorens. Dwarf. Blooms the entire season. Deep blue. Pkt. 10c.; large pkt. 75c.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Nemophila

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Nepeta

★**Mussini.** A favorite perennial rock-plant with blue-gray foliage and pale mauve flowers. 9 in. Pkt. 20c.; large pkt. 60c.

Nicotiana • Flowering Tobacco

Showy annual plants, giving a continuous display of brilliant flowers. 2 to 3 ft.

Affinis. Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.

Affinis Hybrids, Mixed. Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.

Crimson Bedder. Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

Miniature White (N. suaveolens). A dwarf annual type growing 1½ feet high, with miniature white, very fragrant flowers. Excellent for border or bedding. Pkt. 15c.; large pkt. 75c.

Nigella • Love-in-a-Mist

Miss Jekyll. Lovely garden annuals, with finely cut green foliage and curious-looking seeds and seed-pods. The double flowers are clear cornflower-blue. 1½ ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Michell's Giant Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost.

DWARF OR BEDDING • TOM THUMB

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

New Dwarf Double

Scarlet Globe. Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 25c.

Golden Globe. All-America Winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented. Pkt. 10c.; oz. 25c.

Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

Queen of Tom Thumbs, Mixed. Silver variegated foliage. Flowers in a great variety of colors. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

Michell's Giant-flowering Dwarf, Mixed. This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼ lb. 60c.; lb. \$2.00.

Double Nasturtium Novelties All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot-culture.

Golden Gleam. (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Pkt. 10c.; oz. 25c.; ¼ lb. 60c.

Scarlet Gleam. (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

Gleam Hybrids. (Bodger.) gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

TALL OR CLIMBING NASTURTIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

Michell's Giant-flowering, Mixed Tall. This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼ lb. 60c.; lb. \$2.00.

Nemesia

Strumosa Suttoni. A fine annual, with large flowers varying in color from creamy white to deep orange and carmine. ½ ft. Pkt. 15c.; large pkt. 50c.

Blue Gem. Flowers bright blue. Growth compact. Pkt. 15c.; large pkt. 60c.

Michell's Pansies

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted: If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

Shakespeare's Pansies

These are the simple, quaint, little Pansies of Shakespeare's time, and are suitable for any location in the garden. They can be very easily grown wherever Pansies are successful and are most ideal for the old-fashioned garden, the rock-garden, or that shady location in the border. The habit of growth is similar to Violas, and they flower continually throughout the season. The flowers range through purples, yellows, blues, and whites, and are delightfully fragrant. Pkt. 25c.; large pkt. \$1.00; ½ oz. \$2.00.

Pansy, New Sunshine Art Shades

This is described in the Novelties on page 8, but it would take a whole page to tell what we think of these lovely Pansies. Pkt. 25c.; large pkt. 85c.

New Giant Pansy, Michell's Springtime

This is a fine new early-flowering variety, with blooms measuring 3½ to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75.

Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00.

Swiss Giants

Alpenglow. Cardinal-red shades with dark blotches. Pkt. 25c.; large pkt. 75c.

Berna. Swiss Giants. Very rich, velvety purple-violet, of extra quality. Pkt. 25c.; large pkt. 75c.

Coronation Gold. Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange. Pkt. 25c.; large pkt. \$1.00.

Dwarf, Choice Mixed. For those who desire a dwarfier and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.

Lake of Thun. Swiss Giants. A distinct marine-blue variety, with deep blue blotches. Pkt. 25c.; large pkt. 75c.

Luna. Soft sulphur-yellow with frilled edges. Pkt. 25c.; large pkt. 75c.

Mont Blanc. Swiss Giants. Nearly pure white, with three large blue blotches. An excellent addition to the Roggli strain. Pkt. 25c.; large pkt. 75c.

Pure White. The best giant pure white. Pkt. 25c.; large pkt. 75c.

Rheingold. Swiss Giants. Deep golden yellow, with black blotches on the three lower petals. Pkt. 25c.; large pkt. 75c.

Nierembergia

PURPLE ROBE. Bronze Medal, 1942 All-America Selections. Deep violet-blue. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 75c.

★**Hippomanica.** Dwarf Cup-Flower. New. Small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 5 to 6 in. tall, with 8 to 10-in. spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.

Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75.

Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; large pkt. \$1.25.

Giant-flowering Mixtures

Giant Trimardeau, Mixed. Pkt. 10c.; large pkt. 50c.; ¼ oz. \$1.00.

Masterpiece. Frilled Pansy. Beautiful rich colors; petals curled or waved. Pkt. 25c.; large pkt. 75c.

Michell's Giant Exhibition. Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75; ¼ oz. \$3.00; oz. \$10.00.

Fine English, Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

America

A very selected dwarf strain and free flowering. Comes in a fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. 75c.

Maple-Leaf Giants

This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 75c.

Giant Prize or Bedding Strain Separate Colors

A strain secured from the leading Pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

Azure-Blue. Light blue. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

King of the Blacks. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

Peacock. Upper petals blue, lower petals deep claret, with white margin. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

Snow Queen. Pure white. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

White, with dark eye. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

Yellow, with dark eye. Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.25.

★**Mrs. P. S. du Pont.** Golden apricot with creamy tint, flushed salmon. Desirable for the rock-garden. Pkt. 25c.; large pkt. 50c.

Ask for Cultural Leaflet No. 209 on the growing of Pansies

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.

Oenothera • Evening Primrose

Beautiful hardy perennials of easy culture. The plants continue in bloom all summer.

★**Missouriensis.** A prostrate-growing variety with large, bright yellow flowers. Pkt. 15c.; large pkt. 75c.

Youngi. Showy. Large yellow flowers. 3 ft. Pkt. 15c.; large pkt. 75c.

Have you grown the large double Petunias? They are gorgeous

Michell's Petunias

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals, either for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-flowering strains, which for size and brilliancy of coloring cannot be surpassed.

Single Large-flowered Plain-Edged

BLUE BEAUTY. *New.* A large-flowering plain-edged Petunia in a clear deep blue shade. Plants are vigorous growers. Pkt. 25c.; large pkt. 75c.

MICHELL'S SUPERBISSIMA, JUMBO. A single-flowered, plain-edged variety with huge blooms 6 to 8 inches across, in a bright amaranth-red color. The habit of growth is dwarf. The seed should be started inside. Pkt. 25c.; large pkt. 85c.

MICHELL'S DWARF ELK'S PRIDE. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.

MICHELL'S NEW IMPROVED DWARF GIANT, PINK GLORY. Very large, plain-edged rose-pink flowers. Dwarf, compact habit, making it fine for pots or bedding. Pkt. 25c.; large pkt. 85c.

Purple Prince. Fine velvety purple, large-flowering. Pkt. 25c.; large pkt. 75c.

SNOWSTORM. A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

Single-flowered Grandiflora (1½ feet)

MARS. *New 1942.* Giant deep crimson flowers. For complete description see Novelties, page 8. Pkt. 25c.; large pkt. 60c.

RADIANCE. *Silver Medal, All-America Selections.* Hybrid type. Very brilliant cerise-rose. For complete description see Novelties, page 8. Pkt. 25c.; large pkt. 50c.

SINGLE PINK GLEAM, HYBRIDA. *Exclusive Michell Introduction.* Brilliant velvety rose. Plants grow about 1½ feet tall. Pkt. 25c.; large pkt. 50c.

HOLLYWOOD STAR MIXED, HYBRIDA. *Exclusive Michell Introduction.* Like the Hollywood Star variety but this is a choice mixture ranging from white through light pinks to dark red. Pkt. 25c.; large pkt. 50c.

FLAMING VELVET. Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt. 25c.; large pkt. 50c.

General Dodds. A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 50c.

HOLLYWOOD STAR, HYBRIDA. *All-America Winner.* This lovely new Petunia is a charming shade of rich rose with an amber throat. The flower is unique—it is in the form of a five-pointed star. Pkt. 25c.; large pkt. 50c.

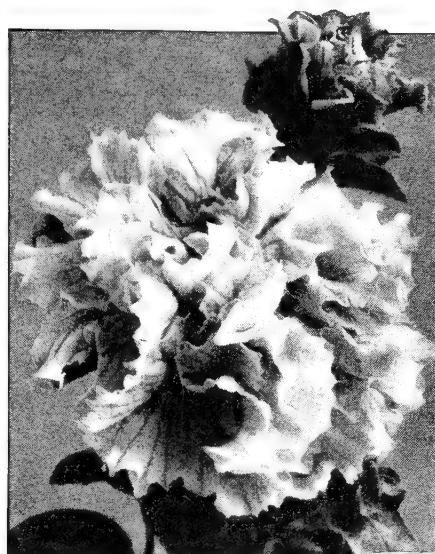
Howard's Star, Improved. Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 60c.

TOPAZ ROSE, HYBRIDA. *All-America Winner.* The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt. 25c.; large pkt. 75c.

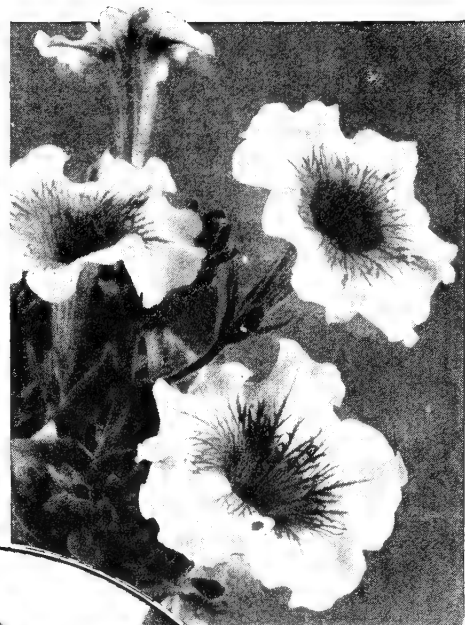
Dwarf Single Small-flowered Sorts (1 foot)

NEW VARIETIES

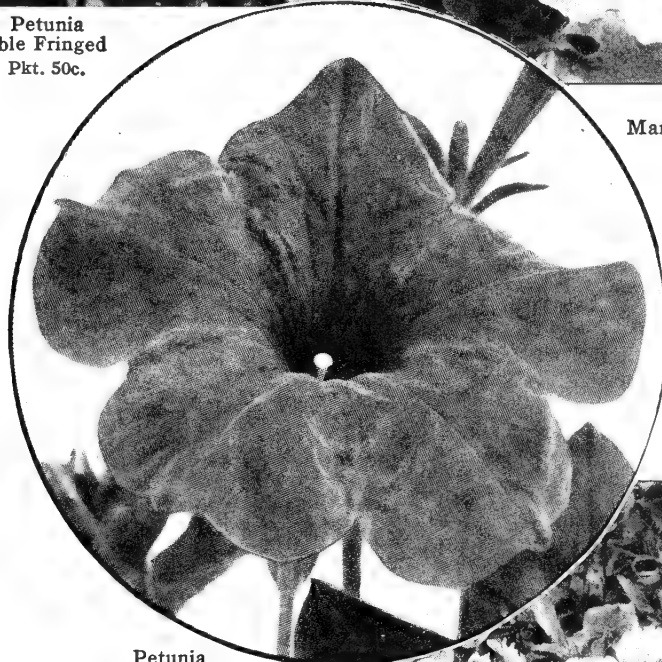
FIRST LADY. *Silver Medal, All-America Selections.* Uniform 1-foot Nana compacta plants. Large 2½-inch flowers of beautiful light or blush-pink in profusion all season. Pkt. 25c.; large pkt. 75c.



Petunia
Alldouble Fringed
Pkt. 50c.



Petunia
Martha Washington
Pkt. 25c.



Petunia
Flaming Velvet
Pkt. 25c.

CREAM STAR. *Silver Medal, All-America Selections.* Splendid mound-like plants 8 to 10 inches tall which bloom madly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.

GLOW, HYBRIDA NANA COMPACTA. *Silver Medal, All-America Selections.* Medium-sized single flowers of a very intense glowing carmine-rose. Blooms measure 2½ inches across, and are borne in great profusion on dwarf plants. Pkt. 25c.; large pkt. 75c.

MINIATURE RUFFLED, BETSY ROSS. *New.* Red and white, the white blending to golden and the red to very deep red in the throat. Well ruffled, 2½ inches in diameter. Unsurpassed for bedding and as a pot-plant. Pkt. 25c.; large pkt. 60c.

BLUE BALL, HYBRIDA NANA COMPACTA. *New.* We believe this to be the best dwarf dark blue Petunia ever placed on the market. Deep velvety violet-blue. Early blooming; dwarf, compact. Pkt. 25c.; large pkt. 75c.



Michell's Giant Exhibition Pansies
Pkt. 25c.

Michell's Pansies are selections from the world's finest strains

Dwarf Single Small-flowered Petunias, con.

VIOLET-BLUE, HYBRIDA NANA COMPACTA.

PACTA. Rich violet with a bright blue cast. Plants uniform, compact in habit. The clean dark foliage is almost covered by the blooms. Pkt. 25c.; large pkt. 50c.

SCARLET FLAME, HYBRIDA NANA COMPACTA.

Dwarf, compact-growing type with large, brilliant scarlet-rose flowers. Pkt. 25c.; large pkt. 75c.

VELVET BALL, GRANDIFLORA NANA COMPACTA (Dwarf Flaming Velvet).

All-America Winner. The plants reach a height of about 8 inches with a spread of only 8 to 10 inches, and will have a dozen or more flowers in bloom at a time, each comparatively large, about 2½ inches in diameter, well shaped; deep, velvety blood-red. Pkt. 25c.; large pkt. 75c.

WHITE PERFECTION, HYBRIDA NANA COMPACTA.

All-America. Dwarf compact plants with abundant small white flowers which cover the foliage. Excellent for bedding. Pkt. 25c.; large pkt. 75c.

STANDARD SORTS

Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.

Celestial Rose. Compact. Deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.

Cockatoo. Violet, with white spots. Pkt. 15c.; large pkt. 50c.

Dwarf Inimitable. Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; large pkt. 50c.

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.; ¼oz. \$2.00.

King Henry. Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. 75c.

MARTHA WASHINGTON. A ruffled or frilled, dwarf, compact type, about 9 inches high, and literally smothered with blooms 3 inches across. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.

Dwarf Erect, Periwinkle Blue. Flowers are a delightful shade of pastel blue. Resembles very much the perennial vinca. Pkt. 15c.; large pkt. 50c.

Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat. Pkt. 10c.; large pkt. 50c.; ¼oz. \$1.00.

Rose of Heaven. Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

SALMON SUPREME. Free-flowering. Soft salmon-pink. Pkt. 25c.; large pkt. 75c.

Snowball. A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 50c.

TWINKLES. Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 50c.

Violacea. Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.; oz. \$2.00.

Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

Elk's Pride. Large, deep royal purple blooms. Pkt. 25c.; large pkt. 75c.

Pink Triumph. Clear, bright pink, delicately fringed. Pkt. 25c.; large pkt. 75c.

Scarlet Beauty. Flowers fringed, shading from cherry-red to deep maroon. Pkt. 25c.; large pkt. 75c.

White Beauty. Pure white flowers with finely fringed edges. Pkt. 25c.; large pkt. 75c.

Mixed Colors. Pkt. 25c.; large pkt. 75c.

Single Ruffled Giants (With Veined Throats)

GLAMOUR. *Honorable Mention, 1942 All-America Selections.* Rich salmon-rose, white throat. For complete description see *Novelties*, page 6. Pkt. 25c.; large pkt. 85c.

MICHELL'S BEAUTY. Dwarf Super-Giant Ruffled. Bright clear salmon. For complete description see *Novelties*, page 8. Pkt. 25c.; large pkt. 85c.

MICHELL'S NEW IMPROVED DWARF GIANT, COPPER-RED.

The ruffled flowers are a brilliant copper-red, with beautifully veined dark throats. Pkt. 25c.; large pkt. 85c.

MAMMOTH SINGLE, MICHELL'S QUAKER GIANTS.

Novelty. Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture. Pkt. 50c.; large pkt. \$1.00.

New Dwarf California Giants, Ramona Strain.

An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.

California Giants. One of the largest-flowered varieties. Bright, desirable colors. Robust plants. Pkt. 25c.; large pkt. 75c.

Large Single Fringed

MICHELL'S ADORABLE. Dwarf fringed lace-veiled type. Rose-pink with white veined throats. Complete description on page 8. Pkt. 25c.; large pkt. 85c.

MICHELL'S SUPER FLUFFY RUFFLES. Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.

Dainty Lady. Plants neat, compact, semi-dwarf, and free flowering. Blooms medium size, delicately fringed, color light golden yellow. Pkt. 25c.; large pkt. 85c.

Lace Veil. Dwarf. Fringed; pure white. Pkt. 25c.; large pkt. 75c.

Micell's Giant Fringed, Mixed. Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.

MICHELL'S THEODOSIA, Improved Strain. *New.* Large brilliant rose-pink flowers with full open throat. Pkt. 25c.; large pkt. 85c.

SETTING SUN. An especially fine, dwarf sort of compact habit, 1 foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. Pkt. 25c.; large pkt. 75c.

Violet King. Beautiful, velvety violet-blue, immense, fringed flowers. Pkt. 25c.; large pkt. 85c.

Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

MACULATA. *New.* Large-flowered and semi-ruffled. Delicately toned colorings from a pure white base to deep rose-red. Exquisitely veined markings with an open golden yellow throat. One of the best for porch-boxes or bedding. Pkt. 25c.; large pkt. 75c.

BALCONY, ROSY MORN. The plants throw out long runners which are literally covered with rose-pink flowers having white throats. Unsurpassed for urns and window-boxes, or for planting on banks and terraces. Pkt. 20c.; large pkt. 50c.

Blue. Rich indigo-blue. Pkt. 15c.; large pkt. 60c.

Cornflower Blue. Bright blue. Pkt. 15c.; large pkt. 60c.

Crimson. Rich velvety crimson. Pkt. 15c.; large pkt. 60c.

Netted Blue Gem. A new color in the Balcony type—steel-blue—beautifully netted or veined. Pkt. 25c.; large pkt. 75c.

Rose. Rose-pink. Pkt. 15c.; large pkt. 60c.

White. Pure white. Pkt. 15c.; large pkt. 60c.

Mixed Colors. Pkt. 15c.; large pkt. 60c.

Nana Compacta or Miniature

A new dwarf, compact variety, about 10 inches in height.

VIOLET GEM. *Honorable Mention, All-America Selections.* Miniature, violet-blue Petunia. For complete description, see page 8. Pkt. 25c.; large pkt. 75c.

Adora. Rosy carmine, with white star. Pkt. 25c.; large pkt. 75c.

Little Blue Star. Blue with white star. Pkt. 25c.; large pkt. 75c.

Rose Gem. Rich deep rose. Pkt. 25c.; large pkt. 75c.

Senator Improved. Violet self, white throat. Pkt. 25c.; large pkt. 75c.

Choice Mixed. Pkt. 25c.; large pkt. 75c.

Large Alldouble-flowering Petunias

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers. We offer the following varieties in this strain and feel certain that they will prove a sensation.

BLUE BROCADE. *Silver Medal, 1941 All-America Selections.* Double, fringed, violet-blue. Pkt. 50c.; large pkt. \$1.50.

Apple Blossom. *All-America Winner.* This new Alldouble Victorious type is several shades softer than Loveliness, being a beautiful apple-blossom-pink. The color and habit of growth are very uniform, the plants being dwarf, 12 to 15 inches high, covered with large, double, fringed flowers. Small percentage will be the Carnation type. Pkt. 50c.; large pkt. \$1.50.

Amaranth-Red. A new color in this popular strain of Petunias. Pkt. 50c.; large pkt. \$1.50.

Carmine Queen (World Beauty). An exceptionally fine dwarf type. Flowers very double, beautiful rosy carmine. Pkt. 50c.; large pkt. \$1.50.

Loveliness. Identical in habit to the popular Carmine Queen, with the exception of the color, which is a clear La-France-pink. Pkt. 50c.; large pkt. \$1.50.

Orchid Beauty. *All-America Winner.* This new color in the Alldouble Petunias is a delightful shade of orchid, which blends beautifully with the pink colors in this group. Habit of growth is dwarf and compact. Pkt. 50c.; large pkt. \$1.50.

Alldouble Purple. Pkt. 50c.; large pkt. \$1.50.

White Queen. Pure white, double, beautifully fringed. Extra dwarf and free flowering. Pkt. 50c.; large pkt. \$1.50.

Victorious, Mixed. *All-America Winner.* An extra-dwarf, giant, mixed Petunia which produces 100 per cent double-flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings. Free flowering. Fine for pot-culture as the plants seldom grow more than 10 inches in height. Pkt. 50c.; large pkt. \$1.50.

The following DOUBLE VARIETIES are a splendid strain producing an average of 60 to 70 per cent doubles.

Double Fringed, Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds \$1.25.

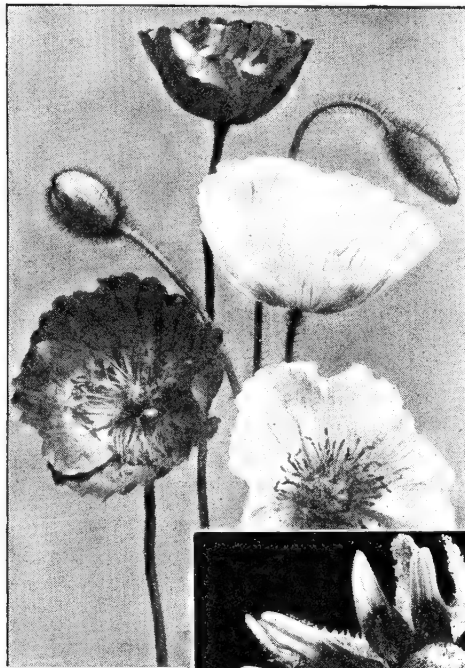
Choice Double, Mixed. A good mixture. Pkt. 25c.

HOW TO SOW PETUNIA SEED

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.

Ask for Cultural Leaflet No. 205 on the growing of Petunias

Phlox Drummondii, Gigantea Art Shades, makes a lovely bed



Iceland Poppies,
Single Mixed
Pkt. 10c.



Salpiglossis, Emperor
Mixed. Pkt. 10c.



← Rudbeckia, Kelvedon Star
Pkt. 15c.



Salvia, Bonfire
Pkt. 10c.



Pyrethrum hybridum, Single
Pkt. 10c.

Phlox Drummondii

One of our finest hardy annuals and should occupy a prominent place in every garden.

GIGANTEA, RED GLORY. *Honorable Mention, 1942 All-America Selections.* Giant rich red flowers, white eye. For complete description see Novelties, page 6. Pkt. 25c.; large pkt. 60c.

GIGANTEA, ROSY MORN. *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Free flowering and will not fade in the sun. Pkt. 25c.; large pkt. 75c.

SALMON GLORY All-America Winner

The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter. The color is a pure salmon-pink with a distinct, creamy white throat. Pkt. 25c.; large pkt. 60c.

GIGANTEA ART SHADES, MIXED Novelty. All-America Winner

A new strain with flowers 1¼ to 1½ inches in diameter. The colors range as follows: salmon with white eye, deep salmon with cream eye, apple blossom, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt. 15c.; large pkt. 50c.; oz. \$2.50.

GRANDIFLORA

Large heads of bloom, as well as large individual flowers. 12 to 15 in.

	Pkt.	Large pkt.
Alba. Pure white.....	\$0 10	\$0 40
Chamois-Rose. Shell-pink...	10	40
Coccinea. Brilliant scarlet...	10	40
Lilac	10	40
Pink	10	40
Yellow	10	40
Choice Mixed. Oz. \$2.00...	10	40

COLLECTION

One pkt. each of above 6 colors, 50c.

Cuspidata, Mixed (Star of Quedlinburg). Extra-fine, star-flowered mixture. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

DWARF OR COMPACT

The plants grow in very symmetrical, neat little bushes, 6 to 8 inches high, and are covered with flowers during the whole summer and fall. Excellent for bedding or edging.

	Pkt.	Large pkt.
Cecily, Mixed. Large flower- ing; compact. ¼oz. \$1.25..	\$0 10	\$0 60
Chamois-Rose	10	60
Fireball. Brilliant scarlet...	10	60
Isabellina. Yellow.....	10	60
Pink	10	60
Snowball. Pure white.....	10	60
Choice Mixed ... ¼oz. \$1.00..	10	60

Hardy Phlox

Decussata, Mixed. Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.; ¼oz. \$1.00.

Physalis

Chinese Lantern Plant

Francheti. Perennial. Dense bushes, about 2 feet high, producing freely, bright orange-scarlet, lantern-like fruits. Pkt. 10c.; large pkt. 25c.

Pinks. See Carnation page 16 and Dianthus, page 19.

Why don't you try the newer Iceland Poppies?

Platycodon

Japanese Balloon Flower

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery. 2 to 3 ft.

Grandiflorum. Blue. Pkt. 10c.; large pkt. 40c.

Grandiflorum album. Pure white. Pkt. 10c.; large pkt. 40c.

Portulaca • Sun-Plant

Brilliant, hardy annual of easy culture, excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

DOUBLE-FLOWERING

A select strain that will produce from 60 to 80 per cent double flowers.

	Pkt.	Large pkt.
Pink	\$0 10	\$0 50
Scarlet	10	50
White	10	50
Yellow	10	50
Mixed. Pkt. 10c.; large pkt. 50c.; ¼ oz. \$1.25; oz. \$4.00.		

SINGLE-FLOWERING

Choice Mixed. Pkt. 10c.; large pkt. 40c.; ¼ oz. 75c.

Michell's Poppies

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly, and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

SINGLE ANNUAL

Michell's Shirley, Mixed. An improved strain of this lovely race of Poppies, varying in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Shirley, Wild-Rose-Pink. Beautiful rich pink sort that comes almost true from seed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Oriental Scarlet. This is an exact duplicate of the popular perennial type but is an annual and flowers profusely the first season from seed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

FLANDERS

This is the well-known Poppy of Flanders field so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 40c.

DOUBLE ANNUAL POPPIES

Carnation-flowered, Mixed. Flowers of large globular form with fringed petals. 2 ft. Pkt. 10c.; oz. 25c.

Improved Shirley, May Queen, Mixed. A re-selected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

Orientele. Extra-large, deep scarlet flowers. Pkt. 10c.; large pkt. 40c.; ¼ oz. 75c.

Orientele, Mrs. Perry. Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

Orientele, Royal Scarlet. Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

Orientele Hybrids, Mixed. Large flowers. Pkt. 10c.; large pkt. 50c.; ¼ oz. 85c.

ICELAND POPPIES • Papaver nudicaule

While these are hardy perennials, they flower the first year from spring-sown seed. They are of graceful habit, with fern-like foliage. The satin-like flowers are borne in endless profusion, excellent for cutting. 1 ft.

GARTFORD GIANT ART SHADES.

This new Art Shade Mixture is an exceptional strain with large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt. 25c.; large pkt. 75c.

Yellow Wonder (Papaver nudicaule amurense). All-America Winner. Its bright buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. The plant is of robust habit and free flowering, with as many as 30 flowers open at one time. Although a perennial, it will flower from seed the first season if sown early. Pkt. 25c.; large pkt. 60c.

El Monte. A California introduction. Very large tangerine-orange flowers. Comes true from seed. Strong, wiry stems for cutting. Pkt. 25c.; large pkt. 60c.

Fakenham Hybrids. Flowers 2½ to 3 inches across. Extremely free flowering. Fine line of colors. Pkt. 25c.; large pkt. 60c.

Gartref, New Hybrids. Beautiful range of art shades. Flowers very large. Pkt. 25c.; large pkt. 60c.

Orange-Scarlet. Pkt. 10c.; large pkt. 40c.

White. Pkt. 10c.; large pkt. 40c.

Yellow. Pkt. 10c.; large pkt. 40c.

Single, Mixed. Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.; ¼ oz. 75c.

Sunbeam. Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

Michell's Primulas PRIMULA MALACOIDES

Dawkin's Carmine-Pink. Novelty. This new variety is a rich glowing carmine-pink, quite distinct from any shade hitherto produced in *P. malacoides*. Flowers large, on wiry stems of upright and graceful habit. The constitution of the plant is very strong. Without doubt the best of all existing varieties. Pkt. 25c.; large pkt. 75c.

Lilac. Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt. 20c.; large pkt. 75c.

Pink Beauty. Large, deep rosy pink flowers. Pkt. 25c.; large pkt. 75c.

Princess Patricia. Beautiful lavender-pink flowers, finely laced. Pkt. 25c.; large pkt. 75c.

Salmon Beauty. True salmon-pink. Pkt. 25c.; large pkt. \$1.25.

Snow Queen. Single; pure white. Pkt. 25c.; large pkt. \$1.00.

PRIMULA OBCONICA

A beautiful and continuous-blooming variety with handsome spikes of flowers.

Fasbender. A new strain of the Gigantea type. Giant deep crimson flowers. Pkt. 50c.; large pkt. \$1.25.

Grandiflora Hybrids, Mixed. Pkt. 20c.; large pkt. \$1.00.

Mueller & Mohnstein's Strain. Shades of crimson and rose. Pkt. 50c.; large pkt. \$1.25.

Ask for our Cultural Leaflet No. 206 on the growing of Primulas.

PRIMULA OBCONICA GIGANTEA

WYASTON WONDER. New. The largest-flowered *Primula obconica*. Individual flowers are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.25.

Monster Mixed. An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.25.

FRINGED CHINESE

These are among our finest winter and spring-blooming pot-plants for decoration in the home or conservatory. Our seed has been grown for us by *Primula* specialists and cannot be excelled for size and brilliancy of colors.

Michell's Prize Mixture. This mixture contains only the finest sorts, selected from the best strains. Pkt. 25c.; large pkt. 85c.

PRIMULA KEWENSIS

Verbena-scented Yellow Primrose

Very attractive yellow flowers on long stems; intensely fragrant. Pkt. 25c.; large pkt. 75c.

Hardy Primroses

The following varieties of Hardy Primroses are very popular. However, it is to be noted that the germination of the seed is very slow.

VERIS, COLOSSEA, MIXED. This hardy type produces huge heads of flowers on long stiff stalks quite above the foliage. It is a very free bloomer, the flowers measuring more than 1¼ inches across. A remarkable range of colors including many new shades of copper, lilac, pink, and dark red. Pkt. 25c.; 100 seeds \$1.50.

★Veris, Mixed. English Cowslip. Fragrant flowers of various colors. 6 in. Pkt. 10c.; large pkt. 75c.

★Vulgaris. English Primrose. Canary-yellow; very fragrant. Pkt. 10c.; large pkt. 75c.

Pueraria

Thunbergiana. Japanese Kudzu-Vine. One of the fastest-growing, hardy climbing plants, reaching a height of 8 to 10 feet the first year from seed. Its foliage is large and covers well. Rosy purple, pea-shaped blossoms toward the end of August. Pkt. 10c.; large pkt. 30c.

Pyrethrum

Foliage Variety for Bedding

Used for edging of ornamental beds. Leaves finely cut.

Aureum. Golden Feather. Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

PERENNIAL VARIETIES

Undoubtedly one of the best hardy perennials, both for garden work and cut-flower purposes. A row of twenty-five plants will prove very useful. Absolutely hardy and of very easy culture. 30 in.

Atrosanguineum. Dark red shades. Pkt. 25c.; large pkt. 75c.

Roseum. Flowers bright rose color. 2 ft. July. Pkt. 10c.; large pkt. 75c.

Uliginosum. Giant White Daisy. Large, single white flowers. 3 to 4 ft. September. Pkt. 10c.; large pkt. 60c.

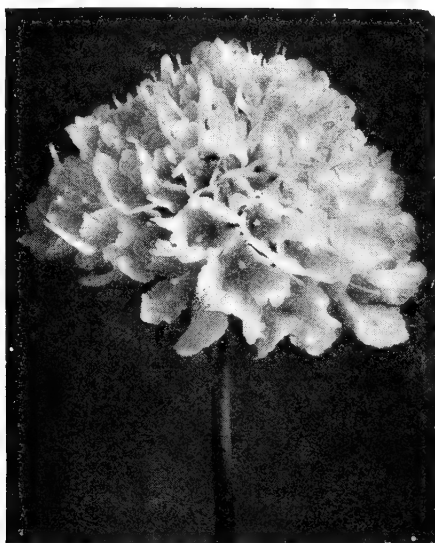
Hybridum, Single Mixed. Large flowers, ranging in color from light pink to deep red, with bright yellow centers. 2 ft. July. Pkt. 10c.; large pkt. 60c.

Hybridum, Double Mixed. Pkt. 25c.; large pkt. \$1.00.

Red-Hot Poker. See *Tritoma*, page 34.

Reseda. See *Mignonette*, page 25.

Rhodanthe • Everlasting Flower. See page 21.



Scabiosa, Giant Loveliness
Pkt. 10c.



Sweet Pea
Shirley Temple
Pkt. 15c.; oz. 50c.



Sweet Pea
Fortune
Pkt. 10c.; oz. 30c.

Ricinus communis

Castor-Oil Bean

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

Cambodgensis. Leaves dark bronzy maroon. 5 ft. Pkt. 10c.; oz. 25c.

Red Spire. A very effective variety, with bronzy green foliage and rosy crimson seed-spikes. 6 ft. Pkt. 10c.; oz. 25c.

Sanguineus. Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 25c.

Zanzibarensis. Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 25c.

Mixed. All sorts. Pkt. 10c.; oz. 25c.

Rudbeckia • Coneflower

Kelvedon Star. A really good annual and a perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. 3 ft. Pkt. 15c.; large pkt. 50c.

Newmanni. Perennial. Large yellow flowers with black centers. Very showy. 3 ft. Pkt. 10c.; large pkt. 60c.

Salpiglossis • Painted Tongue

Easy-growing annual plant which has become a great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall. 1½ ft.

ROSE, CRIMSON AND GOLD.	Pkt.	Large pkt.
GOLD. See the Novelties on page 7 for description of this brilliantly colored variety	\$0 25	\$0 50
Crimson and Gold	10	40
Primrose	10	40
Purple and Gold	10	40
Rose and Gold	10	40
Scarlet and Gold	10	40
White and Gold	10	40
Emperor, Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold	10	30

COLLECTION

One pkt. each of above 6 colors, 50c.

Saponaria • Bouncing Bet

***Ocymoides.** Fine hardy perennial rock-plant. Bright rose-colored flowers. 9 in. Pkt. 10c.; large pkt. 30c.

Vaccaria. A profuse-blooming annual with pink flowers. 2 ft. Pkt. 10c.; oz. 30c.

Sensitive Plant • Mimosa

Pudica. Curious and interesting annual plants with pinkish white flowers. The leaves close or droop when touched or shaken. 1½ ft. Pkt. 10c.; large pkt. 25c.

Shamrock

True Irish. Small-leaved variety. Dainty little house plants easily grown from seed. Pkt. 10c.; large pkt. 30c.

Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.50.

Patens. Large, bright blue flowers. 2 ft. Pkt. 15c.; large pkt. 75c.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.; ¼ oz. \$1.50.

PERENNIAL VARIETIES

Azurea grandiflora. Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.; large pkt. 60c.

Blue Bedder. A new variety of *Farinacea*. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

Farinacea. A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.

Sanvitalia • Creeping Zinnia

Procumbens fl.-pl. Double, bright yellow flowers. Pkt. 10c.; large pkt. 50c.

Schizanthus • Butterfly Flower

One of our finest hardy annuals, and of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of orchids.

Dwarf Large-flowering, Mixed. A compact-growing variety and very free flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

Garraway's Hybrids, Mixed. Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

Giant Pansy-flowered. Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

Hybridus grandiflorus, Mixed. Compact, pyramidal plants, with flowers of many shades. Pkt. 10c.; large pkt. 40c.

Wisetonensis. Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. 1½ ft. Pkt. 10c.; large pkt. 60c.

Shasta Daisy

Alaska. Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt. 10c.; large pkt. 40c.

New Double Giant White. Perennial. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant aster. Pkt. 25c.; large pkt. 75c.

Silene • Catchfly

Attractive blooming perennial plants.

***Schafta.** Rose. 8 in. Pkt. 10c.; large pkt. 40c.

Smilax

A greenhouse climber with very graceful light green foliage. Seed should be soaked 24 hours in warm water before sowing. 10 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

Snappedragon

See Antirrhinum, page 10.

Scabiosa • Mourning Bride

GRANDIFLORA VARIETIES Annual

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting. 2 ft.

PEACE. All-America Winner. Fully double, large, rich, deep lavender-blue flowers. 3½ to 4 feet tall. Pkt. 25c.; large pkt. 60c.

IMPERIAL GIANTS, BLUE MOON. The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Upright plants 3½ to 4 feet tall. Pkt. 25c.; large pkt. 60c.

Giant Salmon Beauty. New. A pure salmon Scabiosa. The flowers are huge and the stems light, while their upright growth makes the plant ideal for the annual border, as well as indispensable for cutting. Pkt. 25c.; large pkt. 40c.

Orchid Shades. New. This new mixture of orchid shades contains all the colors and tones of the Cattleya orchid—soft mother-of-pearl-pink to the deep, rich mauves. Some of the flowers are two-tones, such as deep pink with light pink centers; others mauve with lilac centers. Equally lovely under natural or artificial light. Large flowers and very long, strong stems. Pkt. 15c.; large pkt. 40c.

Rosette. New. Another new large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. A new color addition to this popular garden flower. Pkt. 25c.; large pkt. 40c.

Azure Fairy. Clear lavender-blue. Pkt. 10c.; large pkt. 25c.

Blue Cockade. New. Large, deep azure-blue flowers. Pkt. 10c.; large pkt. 25c.

Cherry-Red. Pkt. 10c.; large pkt. 25c.

Flesh-Pink. Delicate shade. Pkt. 10c.; large pkt. 25c.

Giant Loveliness. Flowers range through various tones of delicate salmon-rose, a new color in the annual Scabiosa. Excellent for cutting. Very fragrant. Pkt. 10c.; large pkt. 25c.

King of the Blacks. Deep purple. Pkt. 10c.; large pkt. 25c.

Peach Blossom. Peach-blossom-pink. Pkt. 10c.; large pkt. 25c.

Rose. Soft rose-color. Pkt. 10c.; large pkt. 25c.

Shasta. Pure white; large; long stems. Pkt. 10c.; large pkt. 25c.

Giant-flowering Hybrids, Mixed. All-America Winner. Giant blooms in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.

Finest Mixed. Pkt. 10c.; large pkt. 25c.; oz. 60c.

HARDY PERENNIAL SCABIOSA

Handsome perennial border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids, Mixed. Isaac House Strain. A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; large pkt. 75c.

Columbaria anthemifolia, Rose-Pink. A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

Columbaria anthemifolia, Lavender. Pkt. 25c.; large pkt. 60c.

Caucasica. Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

Caucasica alba. White. Pkt. 10c.; large pkt. 60c.

Japanica. Flowers beautiful clear blue. Pkt. 10c.; large pkt. 40c.

Solanum

Christmas Pepper. An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 10c.; large pkt. 40c.

Cleveland Cherry. Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c.; large pkt. 40c.

Statice • Sea Lavender

Excellent plants, for either the border or rockery, producing, all summer, panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

ANNUAL VARIETIES

Kampf's Tall Improved.		Pkt.	Large pkt.
Deepest blue. Early flower-	ing.	\$0 10	\$0 25
Sinuata, Blue.		10	25
Sinuata, Lavender		10	25
Sinuata rosea superba		10	25
Sinuata, White		10	25
Sinuata, Yellow		10	25
Sinuata, Mixed. All colors		10	25
Suworowi. Russian or Rat-			
Tail Statice. Flowers bright			
rose-color.	10	25	

PERENNIAL VARIETIES

Caspia. The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

DUMOSA. Novelty. A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

Latifolia. Perennial. Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

Sunflower • Helianthus

Well-known and popular plants, the small-flowering sorts being useful for cutting and the tall varieties valuable for backgrounds.

ANNUAL VARIETIES

Small-flowered

Cut-and-Come-Again. Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Stella. Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Large-flowered

Double Globe (H. annuus globosus fistulosus). Large, double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 40c.

Dwarf Double (Globe of Gold). Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 40c.

New Red. Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

Russian Mammoth. Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

Sun-Plant. See Portulaca, page 30

Early Colonial Branching Stocks

This new Early Colonial strain does not produce a center spike, so therefore requires no pinching to make it branch. From the base 8 to 10 heavy 20-inch branches spread out.

ROSE STANDISH. Novelty. A large-flowered bright rose Stock. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

Mayflower. Brilliant rose-red. Pkt. 25c.; large pkt. 50c.

Priscilla. Clear silvery lavender. Pkt. 25c.; large pkt. 50c.

Puritan. Pure snow-white. Pkt. 25c.; large pkt. 50c.

Michell's

"Distinctive" Stocks

The Stock is one of the most popular and highly prized of our cultivated flowers because of its charming colors, delightful fragrance, and free-blooming character. Our seed is hand-saved from pot-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early-flowering "Nice" Stocks must be started early indoors if wanted for outdoor blooming.

SUPER-EARLY, SAINT AMOUR.

An Exclusive Michell's Introduction. An excellent early branching type with clear lavender-rose flowers. The plants are branching, very free flowering, and an excellent subject for pot-culture as well as cutting. The percentage of doubles is well over 80. We believe this to be one of the finest forcing Stocks. Pkt. 25c.; large pkt. \$1.00.

NEW SUPER-GIANT IMPERIAL.

The following four varieties form a new group. The plants are base branching and produce 12 to 15 huge flower-spikes, with individual florets measuring 2 inches or more in diameter.

	Pkt.	Large pkt.
Dark Blue. A new shade.	\$0 25	\$0 50
Mammoth Rose. Exclusive Michell's introduction	25	60
Rose Charm. Rich, deep rose	25	50
Roselight. Bright rose	25	50

The above four varieties only are available in this new group

NEW GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 30 to 36 inches.

	Pkt.	Large pkt.
Golden Gate. Clear golden yellow	\$0 25	\$0 50
Monterey. Bright pink	25	50
Pacific. Light blue	25	50
Redwoods. Blood-red	25	50
Santa Barbara. Chamois	25	50
Santa Maria. Pure white	25	50
Tahoe. Lavender	25	50
Yosemite. Rose	25	50
Splendid Mixture	25	50

EARLY GIANT IMPERIAL Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers.

	Pkt.	Large pkt.
Antique Copper. New. Rich hellebore-red—a new and attractive shade	\$0 25	\$0 50
Apple Blossom. Blush-pink	25	50
Buttercup. A deeper shade than Canary-Yellow	25	50
Canary-Yellow (Golden Ball)	25	50
Chamois. Ivory, tinted old-rose	25	50
Elk's Pride. A new shade in this early group—an intense royal purple	25	50
Fiery Blood-Red. Extra fine	25	50
Golden Rose	25	50
Lavender	25	50
Lilac	25	50
Rose. Deep rose-pink	25	50
White	25	50
Mixed Colors	25	50

The new fragrant Stocks will surely please you

MICHELL'S DISTINCTIVE STOCKS, continued

GIANT COLUMN NON-BRANCHING Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck. Large

ROSE BEAUTY. An Exclusive Pkt. Pkt.
sive *Mitchell Introduction*. For
complete description see
Novelties, page 8. \$0 25 \$1 00

YELLOW WONDER. The
color is a rich creamy yellow.
Double florets are 2 to 2½
inches across on 15 to 18-
inch spikes with the full
length of the stem averaging
36 to 40 inches. 25 85

Ball Blue. Dark lilac-blue. 25 85

Ball Pink No. 11. Rose-pink. 25 85

Ball White. 25 85

Chamois-Rose. 25 85

Golden Rose. Deep rose,
suffused gold. 25 85

Illusion. Scarlet-red. 25 85

Malmaison Pink. Beautiful
shell-pink. 25 85

Rose-Pink. 25 85

Silvery Lilac. 25 85

Mixed Colors. 25 85

MICHELL'S EARLY-FLOWERING "NICE"

An early-flowering strain of branching
habit and a remarkably free bloomer. Large,
double, fragrant flowers. Large

Choice Mixed. All colors. . . \$0 15 \$0 50

LARGE-FLOWERING DWARF TEN-WEEKS

Leading variety for bedding out for sum-
mer blooming; also fine for pots. Pkt. Large

Blood-Red.	\$0 10	\$0 40
Dark Blue.	10	40
Light Blue.	10	40
Pink.	10	40
White.	10	40
Yellow.	10	40
Mixed.	10	40

Ask for Cultural Leaflet No. 211 on the
growing of Stocks

Virginian Stock • Malcomia

Mixed. An easy-growing border annual with
small lilac, red, or white flowers. Pkt. 10c.;
large pkt. 25c.; oz. 60c.

Stokesia

Cornflower, Stokes' Aster

Cyanea. Plants grow about 1½ to 2 feet
high, bearing freely, from July to October,
handsome, lavender-blue, centaurea-like
blossoms, each measuring from 4 to 5
inches across. Excellent for cutting. Pkt.
10c.; large pkt. 50c.

Strawflower

See Helichrysum, page 21.

SUMMER-FLOWERING SWEET PEAS, continued

ORANGE AND SALMON

Barbara. Superbly self-colored salmon.
Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

PEGGY ANN. A new introduction of great
beauty, in a rare new shade of attractive
salmon-pink that is bewitching under arti-
ficial light. Its elegant, delightfully per-
fumed blossoms are borne in fours on strong
stems. Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

Pirate Gold. Golden orange. Oz. 30c.;
¼lb. 80c.; lb. \$2.75.

PRIMROSE OR LIGHT YELLOW

Daffodil. The best yellow yet introduced.
Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

SCARLET

Fiery Cross. Large; intense orange-scarlet.
Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

Huntsman. Bright scarlet. Oz. 30c.; ¼lb.
80c.; lb. \$2.75.

WHITE

Avalanche. Glistening pure white. Oz. 30c.;
¼lb. 80c.; lb. \$2.75.

Constance Hinton. Large flowering; white.
Black-seeded. Oz. 30c.; ¼lb. 80c.; lb.
\$2.75.

King White. Gigantic flowers; pure white.
Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

Snowball. Undoubtedly the finest pure
white variety. Oz. 30c.; ¼lb. 80c.; lb.
\$2.75.

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We
have blended it ourselves from only Giant
Waved Spencer varieties in proper propor-
tions of bright colors and including a number
of new hybrids of exquisite colors and shades.
Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

Price, any Spencer varieties, except
where noted, pkt. 10c.

Sweet William • Dianthus barbatus

One of the finest hardy perennial garden
plants, and of easy culture, thriving in any
good garden soil. They grow about 1½ feet
high, forming fine clumps and producing
excellent effects in beds and borders.

★Dwarf or Alpine. A fine new strain of ex-
cellent dwarf type, most suitable for edg-
ing and rock-gardens. The flower-heads
are very large and the color-range a se-
lection of many bright and dark shades.
Pkt. 25c.; large pkt. 60c.

Auricula-flowered, Mixed. A beautiful
class of "eyed" single varieties. All colors.
Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

Holborn Glory. Giant-flowered Auricula
mixed. Pkt. 15c.; large pkt. 40c.

Purple Beauty. Bright deep purple. Pkt.
15c.; large pkt. 40c.

Single Crimson. Pkt. 10c.; large pkt. 40c.;
oz. \$1.25.

Single Newport Pink. Salmon-pink. Pkt.
10c.; large pkt. 60c.

Single Scarlet Beauty. Deep scarlet.
Pkt. 10c.; large pkt. 50c.

Single Velvety Maroon. Pkt. 10c.; large
pkt. 40c.; oz. \$1.25.

Single White. Pkt. 10c.; large pkt. 40c.;
oz. \$1.25.

Single, Mixed. All colors. Pkt. 10c.; large
pkt. 30c.; oz. \$1.00.

Sutton's Giant White. The finest large-
flowering pure white Sweet William.
Pkt. 25c.; large pkt. 40c.

Double, Mixed. Pkt. 10c.; large pkt. 40c.;
¼oz. \$1.00.

Annual Single, Mixed. Pkt. 10c.; large
pkt. 40c.; oz. \$1.25.

Michell's Spencer or Orchid Sweet Peas

One ounce required for 15-foot row

New Early-flowering Hot-Weather Sweet Peas

This new type has performed outstand-
ingly, giving excellent flowers on long
stems. The exceptional merits are: first,
the great vigor of growth; second, the
ability to grow during the warm weather;
third, the unusually long and stout stems.

BLACK-SEEDED WHITE. Strong-
growing. Long-stemmed, large-flowered
white sort. Pkt. 25c.; ½oz. 75c.

BLUE. Bronze Medals, All-America Se-
lections. A splendid clear marine-blue.
Pkt. 25c.; ½oz. 75c.

LAVENDER. Honorable Mention, All-
America Selections. A fine clear lav-
ender shade. Pkt. 25c.; ½oz. 75c.

MAUVE. Long-stemmed; clear satin-
mauve. Pkt. 25c.; ½oz. 75c.

ROSE-PINK. Silver Medal, All-America
Selections. A beautiful clear rose-pink
shade. Pkt. 25c.; ½oz. 75c.

SUMMER-FLOWERING

These are distinguished by the large flow-
ers, with crinkled and wavy petals, and also
by the fact that they usually bear four flowers
on a stem. The varieties we offer are selected
from a long list and are considered to be the
best up-to-date sorts.

Cheerie-O. Novelty. This is a mammoth-
flowering, deep begonia-rose Sweet Pea,
suffused with gold—a new color. Pkt. 15c.;
oz. 50c.

CRONY. Novelty. An exhibition Sweet Pea
of the first rank. Large, soft golden salmon
flowers, on long stems. Strong grower.
Pkt. 15c.; oz. 50c.

GOLDEN DRAGON. Novelty. A very
large, duplex-flowered orange. The stan-
dard is a vivid, bright orange, while the
wings shade to a deeper, softer orange-rose.
Pkt. 15c.; oz. 50c.

Price, any Spencer varieties, except where noted, pkt. 10c.

MAYTIME. Novelty. The huge flowers of
this new variety come in fours and fives on
long, husky stems. Color is a rich golden
cerise that will not burn in the sun.
Pkt. 15c.; oz. 50c.

BLUE AND PURPLE

Fortune. Rich dark blue. Oz. 30c.; ¼lb.
80c.; lb. \$2.75.

Royal Purple. Rich purple. One of the
finest varieties. Oz. 30c.; ¼lb. 80c.; lb.
\$2.75.

Wedgwood. A lovely self-blue. Oz. 30c.;
¼lb. 80c.; lb. \$2.75.

DEEP PINK OR ROSE

Fluffy Ruffles. New giant ruffled type; rich
rose-pink with soft salmon shading. Oz.
30c.; ¼lb. 80c.; lb. \$2.75.

Pinkie. Extraordinarily large rose-pink
flowers. Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

LAVENDER

Asta Ohn Spencer. Rich lavender. Oz.
30c.; ¼lb. 80c.; lb. \$2.75.

Austin Frederick Improved. Giant light
lavender blooms. Oz. 30c.; ¼lb. 80c.; lb.
\$2.75.

Gleneagles. Large; lavender. Oz. 30c.;
¼lb. 80c.; lb. \$2.75.

LIGHT PINK

Countess Spencer. Lovely clear pink, shad-
ing deeper at the edges. Oz. 30c.; ¼lb.
80c.; lb. \$2.75.

Diana. New. Rose on cream; immense.
Oz. 30c.; ¼lb. 80c.; lb. \$2.75.

Elfrida Pearson. Large; shell-pink. Oz.
30c.; ¼lb. 80c.; lb. \$2.75.

Hercules. Giant pure pink blooms. Oz. 30c.;
¼lb. 80c.; lb. \$2.75.

Michell's Early or Winter-Flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five to six weeks earlier than the regular Spencer or Orchid-flowering type, and if the flowers are kept cut, they will bloom for a long time.

NOVELTIES OF RECENT INTRODUCTION

MICHELL'S GORGEOUS. Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; ½oz. \$1.00.

MICHELL'S LADY LUCK. Vivid carmine-rose, suffused with purple; large perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; ½oz. \$1.00.

BRIDESMAID. A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large-table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 15c.; ½oz. 30c.; oz. 50c.

DELICIOUS. Novelty. This fine new early-flowering variety is a lovely new color, being a shade of pale salmon and cream, delightfully blended together. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Pkt. 25c.; ½oz. 40c.; oz. 75c.

EILEEN. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt. 15c.; ½oz. 30c.; oz. 50c.

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 15c.; ½oz. 30c.; oz. 50c.

Our Leaflet "How to Grow Sweet Peas" included in all orders if requested.

Sweet Rocket • Hesperis

Mixed. An excellent perennial for naturalizing among shrubbery or for planting in a permanent border. Fragrant white and purple flowers. 2 to 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 85c.

Tagetes • Single Marigold

Signata pumila. A dwarf, compact, bushy annual Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. 90c.

Tahoka Daisy

A beautiful free-flowering annual, with fern-like foliage. The daisy-like flowers are lavender-blue, and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination, we suggest putting the seed in a refrigerator for a week or ten days. Pkt. 25c.; large pkt. 75c.

Texas Queen Anne's Lace

An improved Wild Carrot very easy to dye. Pkt. 10c.; large pkt. 30c.

Fragrance. This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 15c.; ½oz. 30c.; oz. 50c.

GRENADIER. Dazzling scarlet. Pkt. 15c.; ½oz. 30c.; oz. 50c.

HOPE. The finest black-seeded pure white to date. Flowers of mammoth size. Pkt. 15c.; ½oz. 30c.; oz. 50c.

NAVY BLUE. A new color in the earlies, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt. 25c.; ½oz. 30c.; oz. 50c.

Michell's Rose Wonder. Beautiful, clear rose-pink color on a light ground. Pkt. 25c.; ½oz. 60c.; oz. \$1.00.

SHIRLEY TEMPLE. This Sweet Pea, which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty, frilled and fluted flowers of Lady Gay; the color is softer and more beautiful than Pinkie. Pkt. 15c.; ½oz. 30c.; oz. 50c.

TREASURE ISLAND. Novelty. Sparkling glowing orange. Unlike other orange varieties Treasure Island is very large and semi-duplex, very strong growing, throwing a majority of four flowers on 15 to 16-in. stems. A real orange Sweet Pea of outstanding distinction. Pkt. 25c.; ½oz. 40c.; oz. 75c.

VALENCIA. A bright orange in color and absolutely sunproof. Stems long. Pkt. 15c.; ½oz. 30c.; oz. 50c.

MICHELL'S WINTER-FLOWERING SPENCER, MIXED. Pkt. 10c.; ½oz. 30c.; oz. 50c.

For Summer-flowering Spencer Sweet Peas, see page 33

Thermopsis

Caroliniana. An excellent perennial, 3 to 5 feet high, producing 6 to 12-inch racemes of yellow, lupin-like flowers. Pkt. 25c.; large pkt. 60c.

Thalictrum • Meadow-Rue

Very graceful perennial plants with finely cut foliage, excellent for the hardy border.

Dipterocarpum. Rosy purple, with yellow anthers. Pkt. 10c.; large pkt. 60c.

Thunbergia • Black-eyed Susan

Mixed. Rapid-growing annual climbers making a pretty vine for trellises, fences, rockwork, etc.; also for window-boxes, hanging-baskets and vases. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

Tithonia

Speciosa. Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

Torenia

Fournieri grandiflora. Showy annuals, flowering all summer. Fine for vases, hanging-baskets, borders, etc. Flowers sky-blue with yellow centers. 1 ft. Pkt. 10c.; large pkt. 60c.

White Wings. Ivory, tinted rose. Pkt. 10c.; large pkt. 60c.

Tritoma • Kniphofia

Red-Hot Poker

Hybrida, Mixed. A free-blooming, hardy perennial with large spikes of flowers. 2 ft. Pkt. 10c.; large pkt. 60c.

Trollius • Globe-Flower

Hardy perennial with large, buttercup-like flowers.

Europæus. Bright yellow. 20 in. Pkt. 25c.; large pkt. 75c.

Hybridus. Bright yellow. 2 ft. Pkt. 25c.; large pkt. 75c.

Venidium

Monarch of the Veldt

Fastuosum. An excellent annual with deep golden orange, daisy-like flowers, having reddish brown centers. 2 to 3 ft. Pkt. 25c.; large pkt. 60c.

Fastuosum Hybrids, Mixed. 'New. Identical in habit with above, but colors range from apricot to deep golden orange. Pkt. 25c.; large pkt. 60c.

Veronica • Speedwell

An elegant, hardy perennial plant of easy culture and free-flowering habit. Valued as a cut-flower or for the garden.

Longifolia subsessilis. Rich blue flowers. 2 ft. Pkt. 10c.; large pkt. 60c.

Spicata. Various shades. 1½ ft. Pkt. 10c.; large pkt. 50c.

Vinca rosea

Madagascar Periwinkle

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

Alba. White, with rose eye. Pkt. 10c.; large pkt. 40c.

Alba pura. Pure white. Pkt. 10c.; large pkt. 40c.

Kermesina. Bright red. Pkt. 10c.; large pkt. 40c.

Rosea. Rose, with dark eye. Pkt. 10c.; large pkt. 40c.

Mixed. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting.

Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

These Beauty of Oxford Hybrid Verbenas are superb

Michell's Verbenas

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

HYBRIDA GRANDIFLORA GIANT VARIETIES

ANNAPOLIS BLUE. 1942 Novelty. A real deep Belladonna blue. For complete description see Novelties page 8. Pkt. 25c.; large pkt. 85c.

ROSEGLOW. 1942 Novelty. A deep glowing rose shading to orange-scarlet. For complete description see Novelties, page 8. Pkt. 25c.; large pkt. 75c.

BRILLIANT. This new Verbena is a rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt. 25c.; large pkt. 60c.

CRIMSON GLOW. Novelty. The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

Beauty of Oxford Hybrids, Mixed. Originator's Stock Seed. A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt. 15c.; large pkt. 60c.

Apple Blossom. The flowers are a delicate cameo-pink, a delightful new color in Verbenas. Individual florets are large and the flower-heads measure 4 to 5 inches across. Pkt. 15c.; large pkt. 60c.

Etna. The finest and brightest color in Verbenas—an intense geranium-red, with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

Lavender Glory. A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with a medium-sized creamy white eye. Individual florets will cover a fifty-cent piece. Very fragrant. Pkt. 15c.; large pkt. 60c.

Lucifer. Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 50c.

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral—a beautiful combination. Pkt. 15c.; large pkt. 50c.

NEWPORT SALMON. Michell Novelty. An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Comes absolutely true from seed. Pkt. 15c.; large pkt. 60c.

Royale. Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

ROYAL BOUQUET, MIXED. Upright habit, 15 inches high. Tall, large and erect flowers in brilliant colors. Pkt. 15c.; large pkt. 60c.

DWARF, ERECT, COMPACT VARIETIES

This group is very neat and compact in habit and continuous bloomer. Well adapted for bedding, borders, and small gardens.

RED SENTINEL. 1942 Novelty. Intense bright red with no eye. For complete description see Novelties, page 8. Pkt. 25c.; large pkt. 85c.

WHITE BALL. New. A petite-growing Verbena only 7 inches high with a score or more of stiff, erect branches, each bearing 3 to 5 heads of 2-inch florets. The color is a pure white which gives the plants the appearance of a white ball. Excellent for pots or border. Pkt. 25c.; large pkt. 85c.

Blue Sentinel. All-America. Rich violet-blue. Pkt. 15c.; large pk. 75c.

Carmine Ball. Bright carmine with white eye. Pkt. 15c.; large pkt. 60c.

Fireball. Grows about 6 inches high. Covered with brilliant scarlet blooms. Pkt. 15c.; large pkt. 60c.

DWARF VERBENAS, continued

Pastel Shades. An exceptionally beautiful blend of new shades with very large flowers. Pkt. 15c.; large pkt. 60c.

Pink and Rose Bouquet. A choice blending of two popular colors. Pkt. 15c.; large pkt. 60c.

Violet Bouquet. Deep violet with cream eye. An excellent variety. Pkt. 15c.; large pkt. 60c.

Choice Mixed. Pkt. 15c.; large pkt. 60c.

MAMMOTH FANCY VERBENAS

This strain produces trusses of large flowers of the most brilliant colors and shades.

Golden Queen.	Pure Pkt.	Large pkt.	Oz.
yellow.....	\$0 10	\$0 50	\$2 25
Helen Willmott. Pink	10	50	2 25
Purple Mantle. Purple	10	50	2 25
Blue Shades.....	10	40	2 00
Pink Shades.....	10	40	2 00
Scarlet Shades.....	10	40	2 00
Pure White.....	10	40	2 00
Yellow Shades.....	10	40	2 00
Mixed.....	10	40	1 50

Erinoides. Moss Verbena. Purple blooms. Produces a mass of moss-like foliage, spreading over the ground. For beds, baskets, or rockeries. Pkt. 10c.; large pkt. 40c.

Lemon-Scented (Aloysia citriodora). An old favorite garden plant with delightful lemon-scented foliage. Pkt. 10c.; large pkt. 75c.

Venosa. Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.

TALL PERENNIAL VARIETY

BONARIENSIS. New. Perennial species from Buenos Aires. Plants attain a height of 4 to 5 feet and bear numerous terminal sprays of heliotrope flowers during July and August. This is a splendid type for cut-flowers. Pkt. 25c.; large pkt. 75c.

*Viola

ARKWRIGHT RUBY. Novelty. This new large-flowered variety has beautiful bright rosy crimson blooms with terra-cotta shadings, making it very outstanding, with the added attraction of being very fragrant. Pkt. 25c.; large pkt. 75c.

Avalanche. Giant-flowering, pure white sort. Pkt. 25c.; large pkt. 75c.

Jersey Gem. The most popular and free-blooming of all Violas. Pure rich violet flowers. Dwarf habit, continuously in bloom. Pkt. 25c.; large pkt. 75c.

YELLOW QUEEN. Novelty. Another large-flowered type with deep pure yellow flowers coming practically 100 per cent true from seed. Plants are of robust habit and very free flowering. Pkt. 25c.; large pkt. 75c.

*Viola Bosniaca

Johnny-jump-up

Free bloomer. Small leaves. Purple flowers. Pkt. 10c.; large pkt. 60c.

*Viola cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in April produces flowering plants by June.

Admiration. Dark blue. Pkt. 10c.; large pkt. 75c.

Apricot Queen. One of the finest of the Violas. Large, beautiful rich apricot-yellow flowers, tinged orange. Free bloomer. Pkt. 25c.; large pkt. 75c.

VIOLA CORNUTA, continued

Chantreyland. A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

G. Wermig. Rich violet-blue. 8 in. Pkt. 25c.; large pkt. 75c.

Lord Nelson. Large, violet-purple flowers. Fine bedding variety. Pkt. 25c.; large pkt. 75c.

Mauve Queen. Lovely mauve color. Pkt. 10c.; large pkt. 60c.

Perfection. Light blue. Pkt. 10c.; large pkt. 60c.

Rose Queen. Compact, dwarf habit. Rosy pink flowers. Ideal for the rock-garden. Pkt. 20c.; large pkt. 60c.

White Perfection. Large; white. Pkt. 10c.; large pkt. 75c.

Yellow Perfection. Golden yellow. Pkt. 10c.; large pkt. 60c.

Mixed. All colors. Pkt. 10c.; large pkt. 60c.

*Viola • Scotch Bedding Pansies

Mixed. Produces larger flowers than V. cornuta. Pkt. 25c.; large pkt. \$1.00.

Wallflower

Half-hardy perennials with deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring. 2 ft.

Double, Mixed. All colors. Pkt. 10c.; large pkt. 60c.

Early-flowering Double, Mixed. An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

Gold Standard. Annual. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

Paris Extra-Early, Mixed. A single-flowering variety which may be treated as an annual, flowering the first year from seed. 1½ ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

Single, Mixed. Pkt. 10c.; large pkt. 30c.; oz. 85c.

XANTHISMA TEXANUM, Star of Texas.

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Stems are wiry and excellent for cutting. Will do well in dry, open places. Pkt. 25c.; large pkt. 60c.

Xeranthemum

See Everlasting Flowers, page 21.



Verbena, Apple Blossom

Michell's Zinnias (Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

GIANT DAHLIA-FLOWERED, ROYAL PURPLE. *Honorable Mention, 1942 All-America Selections.* For description see Novelty, page 6. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.00.

LILLIPUT, BLACK RUBY. *Bronze Medal, 1941 All-America Selections.* For complete description, see Novelty, page 8. Pkt. 25c.; large pkt. 50c.; ¼ oz. \$1.00.

HOWARD'S NEW GIANT CRESTED, MIXED. *Novelty 1941.* For complete description, see Novelty, page 8. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.25.

Gaillardia-flowered. Novelty

This fine new type of Zinnia has flowers which strongly resemble the double *Gaillardia picta*. The colors range through the mellow tones of rose, pink, bronze, yellow, orange, and lavender. Pkt. 15c.; large pkt. 40c.; ¼ oz. 75c.

Scabious-flowered

CAMPFIRE. Vivid, intense scarlet flowers are carried on strong stems of good length for cutting. The free-blooming plants reach a height of 2 to 2½ feet. Pkt. 25c.; large pkt. 60c.

SUNBURST. Early-flowering. Bright pure canary-yellow flowers 1½ to 2 inches across. Plants are 2 to 2½ feet in height. Pkt. 25c.; large pkt. 60c.

Autumn Tints, Mixed. The flowers which range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Excellent for cut-flowers because of their long stems and fine keeping qualities. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

Mixed. *New.* Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; ¼ oz. 75c.

Fantasy or Chrysanthemum-flowered

ORANGE LADY. A rich shade of deep bright orange. The 2½ to 3-inch flowers are shaggy and gay in appearance. Pkt. 25c.; large pkt. 60c.

ROSALIE. The color is a bright, intense rose. Plants are about 2½ to 3 feet in height. Pkt. 25c.; large pkt. 60c.

STAR DUST. *Novelty. All-America Winner.* It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2½ to 3 feet tall. The type is very free flowering and early blooming. Pkt. 15c.; large pkt. 50c.; ¼ oz. 75c.

WILDFIRE. Rich dazzling scarlet. Free blooming, 2½ to 3 feet in height. Pkt. 25c.; large pkt. 60c.

MIXED COLORS. (Bodger.) *Novelty.* A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and creams. Pkt. 15c.; large pkt. 50c.; ¼ oz. 75c.

Zinnia linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

Brightness. Deep rose.

Cerise Queen. Orange-rose.

Daffodil. Canary-yellow.

Enchantress. Bright rose.

Golden Queen. Golden yellow.

Grenadier. Dark red.

Lavender Queen. Rosy lavender.

Miss Willmott. Soft pink.

Orange Queen. Golden orange.

Purity. Best white.

Salmon Queen. Salmon-rose.

Scarlet Queen. Deep scarlet.

Violet Queen. Purple.

Pkt. 10c.; large pkt. 40c.; oz. \$1.50

Finest Mixed. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

COLLECTION

One pkt. each our selection of 12 colors.....	\$1 00
One pkt. each our selection of 6 colors.....	50

Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

Buttercup. Immense deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Luminosa. A new shade of bright pink.

Old-Rose.

Oriole. Orange and gold.

Polar Bear. Pure white.

Purple Prince. Large; deep purple.

Scarlet Flame. Scarlet, with blending of orange.

Pkt. 15c.; large pkt. 40c.; oz. \$1.50

Mixed Colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

COLLECTION

One pkt. each our selection of 12 colors.....	\$1 50
One pkt. each our selection of 6 colors.....	75
One large pkt. each our selection of 12 colors.....	3 75

Desert Gold Zinnia

A large-flowering type in shades of yellow and gold, each petal overlaid at the base with a deeper color; a charming bicolor combination. Pkt. 15c.; large pkt. 40c.; ¼ oz. 60c.



California Giant Zinnia

Super Crown of Gold Mixture

This is an aristocrat among Zinnias. The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers. Excellent for bedding and good for cutting.

Pastel Mixture. In response to popular demand, we are pleased to be able to offer now this new mixture, which is composed solely of delicate shades not found in the ordinary mixed type. Pkt. 15c.; large pkt. 30c.; oz. \$1.25.

Canary-Yellow	Purple Gem
Crimson Gem	Rosebud
Golden Gem	Salmon-Rose
Scarlet Gem (Red Riding Hood)	
Valencia. A new shade of burnt-orange.	
White Gem.	

Pkt. 10c.; large pkt. 25c.; oz. \$1.25

Mixed Colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

COLLECTION

One pkt. each our selection of 6 colors.....	\$0 50
--	--------

Elegans • Lilliput Tom Thumb

A new, dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. Pkt. 15c.; large pkt. 50c.

Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

Crimson	Scarlet
Flesh-Pink	White
Pinkie. Deep rose-pink.	Yellow
Salmon-Rose	

Pkt. 10c.; large pkt. 25c.; oz. 85c.

Mixed. Pkt. 10c.; large pkt. 25c.; oz. 75c.

New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

Pixie. Bright yellow.

Tiny Tim. Bright scarlet.

Snow Drop. Pure white.

Pkt. 15c.; large pkt. 50c.; oz. \$1.75

Finest Mixed. Pkt. 15c.; large pkt. 40c.; oz. \$1.50.

Haageana • Mexican Hybrids

Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. The mixture contains many attractive colors and color combinations. Pkt. 15c.; large pkt. 50c.

Various Zinnias

Pumila, Picotee, Delight. An extra-select variety in light and deep salmon shades. Petals ruffled and curled. Pkt. 15c.; large pkt. 50c.

Curled and Crested, Mixed. Petals curiously twisted and curled. A distinct variety in a good range of colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

MICHELL'S VEGETABLE SEEDS



ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet

apart, from where it can be cut three years later. "Michell Garden Pointers" gives full information and is mailed free.

Giant Washington. A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Oz. 10c.; ¼lb. 25c.; lb. 65c.

Asparagus Roots

Ready about March 20 for spring planting; about October 10 for fall planting

4000 to 6000 roots are required for an acre

	2-yr. roots
	50 100 1000
Giant Washington ...	\$1 00 \$1 75 \$12 00

Garden Collection A \$1.00

1 pkt. Beans, Golden Wax
1 pkt. Beans, Stringless Green-pod
2 pkts. Lima Beans, Fordhook Bush
2 pkts. Beets, Detroit Dark Red
2 pkts. Carrot, Danvers Half-Long
1 pkt. Lettuce, Grand Rapids

1 pkt. Parsley, Champion Moss Curled
1 pkt. Radish Scarlet Globe
2 pkts. Swiss Chard, Lucullus
1 pkt. Tomato, Rutgers
1 pkt. Turnip, Purple-Top

Garden Collection B \$2.00

1 pkt. Beans, Golden Wax
1 pkt. Beans, Stringless Green-Pod
2 pkts. Lima Beans, Fordhook Bush
1 oz. Beet, Detroit Dark Red
½ oz. Carrot, Danvers Half-Long
2 pkts. Celery, Emperor
½ lb. Corn, Golden Cross Bantam
1 pkt. Lettuce, Grand Rapids
1 pkt. Lettuce, Imperial No. 44

1 pkt. Muskmelon, Pride of Wisconsin
1 pkt. Parsley, Champion Moss Curled
1 pkt. Pepper, California Wonder
1 pkt. Radish, Scarlet Globe
1 pkt. Radish, Icicle
1 oz. Swiss Chard, Lucullus
1 pkt. Tomato, Rutgers
1 pkt. Turnip, Purple Top

Garden Collection C \$5.00

½ lb. Beans, Golden Wax
½ lb. Beans, Stringless Green-Pod
½ lb. Lima Beans, Fordhook Bush
1 oz. Beet, Detroit Dark Red
1 pkt. Broccoli, Italian Calabrese
½ lb. Corn, Golden Cross Bantam
½ lb. Corn, Country Gentleman
1 oz. Cucumber, Improved Long Green
1 oz. Carrot, Chantenay Half-Long
1 pkt. Cabbage, Copenhagen Market
1 pkt. Cabbage, Late Flat Dutch
1 pkt. Cauliflower, Early Snowball
½ oz. Celery, Emperor
1 pkt. Eggplant, Black Beauty
1 pkt. Lettuce, Grand Rapids

1 pkt. Lettuce, Imperial No. 44
1 pkt. Muskmelon, Pride of Wisconsin
1 pkt. Onion, Southport Yellow Globe
½ lb. Peas, Nott's Excelsior
½ lb. Peas, Dwarf Champion
1 pkt. Parsley, Champion Moss Curled
1 pkt. Pepper, California Wonder
1 pkt. Tomato, Rutgers
1 pkt. Radish, Scarlet Globe
1 pkt. Radish, French Breakfast
1 pkt. Radish, Icicle
2 pkts. Swiss Chard, Lucullus
1 pkt. Pumpkin, Large Cheese
1 pkt. Squash, Giant Yellow Summer Crookneck
1 pkt. Watermelon, Stone Mountain

ARTICHOKE

ARTICHAUT (Fr.) ARTISCHOEKE (Ger.) ARTICIOCCA (Ital.)

One ounce will produce about 500 plants

Sow seed in January in the greenhouse, or in hotbeds in March. Transplant when large enough, in rows 3 feet apart, 2 feet apart in the row. Protect the plants in winter by taking them in a cellar or putting in a coldframe; may be left outdoors if protected by straw or leaves.

Green Globe. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.60.

Artichoke Plants Ready in April

Green Globe. We grow a large stock of these for customers who do not care to bother growing them from seed, thus assuring an early crop. Pot-grown, doz. \$2.00; 25, \$4.00; 100, \$15.00 (by Express only).

Artichoke Roots Ready in April

Jerusalem. Used for table and stock-feeding. Cut the tubers to single eyes and plant like potatoes, 3 to 4 feet apart each way, 3 or 4 tubers in a hill. Leave the tubers in the ground and dig as wanted. Lb. 20c.; 5 lbs. 90c.; 10 lbs. \$1.60; 25 lbs. \$3.50; 50 lbs. \$6.50.

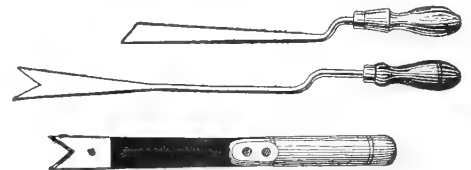
ACCESSORIES TO ASPARAGUS-GROWING

Asparagus Buncher

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with Knife-guard, \$4.50.

Asparagus Tape

Fast Red. 1000-yard spool. Price, \$5.75.
Green. 1000-yard spool. Price, \$4.50.



Asparagus Knives

	Each
No. 2501 (top illustration).....	\$0 35
No. 2500 (center illustration).....	45
No. 2311 (bottom illustration).....	40

Raffia. Ideal for tying asparagus in bunches.
Natural. ½lb. 50c.; lb. 90c.; 5 lbs. \$4.25.
Green. ½lb. 60c.; lb. \$1.10; 5 lbs. \$5.00.

Raffiatape. A linen and paper composition of Nile-green color. Spool (250 yds.) 90c.; 6 spools \$5.25.

Jute Twine. 2- and 3-ply, for tying asparagus. Soft and pliable. Ball 20c.; lb. 30c.

Asparagus Salt. Applied in the spring for destroying weeds, 800 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50; ½ton \$18.50; ton \$35.00.

Asparagus Fertilizer. Compounded after a formula recommended by a leading asparagus grower. Apply 800 pounds per acre. 100 lbs. \$3.50; 200 lbs. \$6.50; ½ton \$27.00; ton \$52.00.

ANISE

An old-time herb with a delicate licorice-like flavor. The flowers resemble those of dill. Pkt. 20c.; large pkt. 35c.; ¼oz. 75c.

BASIL, Sweet

A spicy pot-herb growing 2 feet tall. The leaves are often used to flavor vegetables, especially tomatoes. Pkt. 20c.; large pkt. 35c.; ¼oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHLE (Ger.) BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after a slight frost.

Brussels Sprouts Plants 100, \$1.00; 1000, \$7.50. *Ready in July*

MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.) FAGIUOLI NANI (Ital.)

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Green-Podded Varieties

Bountiful. Flat-podded, stringless, tender and a prolific bearer. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Early Red Valentine. An extra-early variety, maturing a crop in 40 to 50 days, a large portion of which can be picked at one time. Pods 5 to 6 inches long, round thick, tender, and of good quality. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Improved Stringless Green-Pod. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Mammoth or Giant Stringless. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Medal Refugee. All-America Bronze Medal. This variety is distinctly new because it is white-seeded and resistant to Bean mosaic. It is recommended for home and canning use. Pkt. 25c.; ½lb. 85c.; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$5.00.

Stringless Black Valentine. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Tendergreen. An early stringless variety with round pods at least 6 inches long. Ready for use in about 52 days after sowing. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Triumph of the Frames. Splendid for forcing under glass, producing long, narrow tender pods. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 2 lbs. \$1.00; 5 lbs. \$2.25.

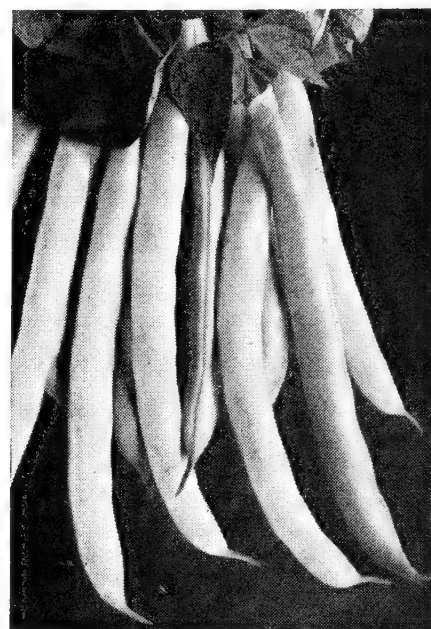
If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 132.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Mammoth Fancy. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.35.

Long Island Half-Dwarf. Compact heads. Very productive. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.35.

Matchless Improved. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.35.



Pencil-Pod Beans

Dwarf Varieties of Shell Beans

FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

Boston Navy or Pea. A snowy white variety of small size. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. \$1.50.

Long-Pod Broad or Fava. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Dwarf Horticultural. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Red Kidney. Pods long, kidney-shaped, light red. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. \$1.50.

White Marrowfat. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. \$1.50.

Yellow-Podded Varieties

Improved Rustproof Golden Wax. Rust-resistant. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Pencil-Pod Black Wax. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Round-podded Kidney Wax. Rust-resistant. Vigorous grower with fleshy, stringless pods. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 2 lbs. 95c.; 5 lbs. \$2.00.

Stringless Refugee Wax. Round-podded entirely stringless Bean of exceptional flavor. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Sure-Crop Stringless Wax. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

Wardwell's Kidney Wax. Rust-resistant. Long, thick, flat pods in great abundance. One of the best medium-early sorts. Free from rust. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.20; 25 lbs. \$7.00.

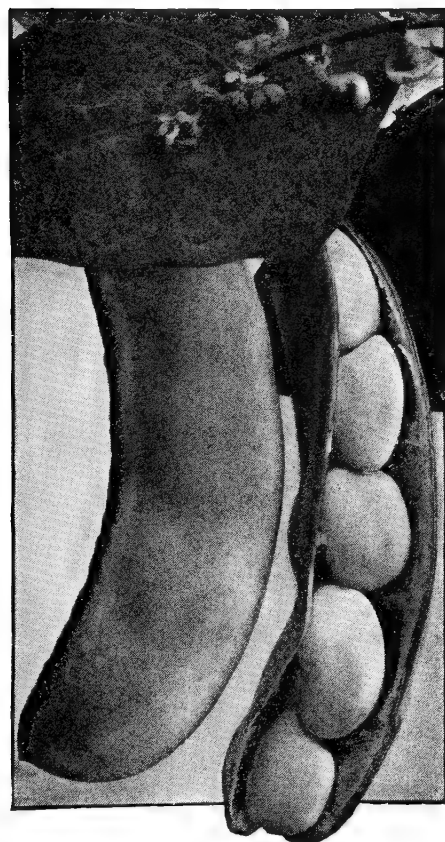


Sure-Crop Stringless Wax Beans

Stringless Green-Pod Beans



Kentucky Wonder Pole Beans



Fordhook Bush Lima Beans

MICHELL'S POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre
HARICOTS A RAMES (Fr.) STANGENBOHNEN (Ger.) FAGIUOLI (Ital.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

Green-Podded Varieties

Decatur. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 25c.; $\frac{1}{2}$ lb. 85c.; lb. \$1.50; 2 lbs. \$2.75; 5 lbs. \$5.00.

Giant-podded Asparagus or Yard-Long. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.; $\frac{1}{2}$ lb. 45c.; lb. 85c.

Horticultural or Speckled Cranberry. Long, pale green pods, which become streaked with red when mature. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. \$1.50.

ALL PRICES SUBJECT TO MARKET CHANGES

Green-podded Varieties, continued

Kentucky Wonder or Old Homestead. In the South this variety is grown more extensively probably than any other. A tremendous yield of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Scarlet Runner. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Yellow-Podded Varieties

Kentucky Wonder Wax. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

MICHELL'S LIMA BEANS

HARICOTS A RAMES (Fr.) STANGENBOHNEN (Ger.) FAGIUOLI DI LIMA (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

Carpinteria. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Challenger or Dreer's Improved. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 2 lbs. 90c.; 5 lbs. \$2.00.

Giant-podded. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

King of the Garden. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Michell's Evergreen. An exceptionally early Pole Lima. It is remarkable for its productiveness and good flavor and continues bearing until frost. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Carolina or Sieva. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 2 lbs. 90c.; 5 lbs. \$2.00.

CEDAR BEAN-POLES (Pointed). Extra-selected quality, about 10 feet long. 12 for \$2.50; 25 for \$4.50; 50 for \$8.50; 100 for \$16.00

1001 Garden Questions Answered. Hottis. Covers flowers, fruits and vegetables. 328 pages. \$2.00.

BUSH or DWARF LIMA BEANS

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties although they are not so prolific. Plant in rows about 3 feet apart, with hills about 2 feet apart, 3 Beans to the hill.

Burpee's Improved. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. An outstanding variety. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 2 lbs. 90c.; 5 lbs. \$2.00.

Henderson's. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. A favorite sort for canning, but not recommended for flavor. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75.

Use Cuprocide when planting Beet seed to prevent "damping-off"

BUSH OR DWARF LIMA BEANS, continued

Baby Fordhook. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3-4 small plump seeds of high quality. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75.

Fordhook. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 55c.; 2 lbs. \$1.00; 5 lbs. \$2.25; 10 lbs. \$4.00.

McCreas. An ideal new Bush Lima for the home-garden and fine for canning, as the Beans retain their green color and fine flavor. Medium-sized pods containing 3 to 5 thick Beans. Pkt. 15c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 2 lbs. 90c.; 5 lbs. \$2.00; 10 lbs. \$3.60.

Wilson's Improved. Claimed to be two weeks earlier than Burpee's Improved Bush Lima. Also much more prolific, though neither the pod nor the Bean is quite as large. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.75; 10 lbs. \$3.15.

Nitrogen Bacteria for Beans. If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with Nitrogen Bacteria. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture.

MICHELL'S CHOICE BEET SEED

BETTERAVE (Fr.) SALATRUBE (Ger.) BARBABIETOLA (Ital.)

One ounce will sow a row 50 feet long; 5 pounds, an acre

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

Crimson Globe. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

Crosby's Egyptian. *Special Strain.* A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30.

Crosby's Egyptian. *Usual Strain.* Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

Detroit Dark Red. *Michell's Special Strain.* Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.35; $\frac{1}{2}$ lb. \$2.45.

Detroit Dark Red. *Usual Strain.* Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.00.

Early Wonder. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

Good-for-All. This new variety matures nearly as early as Crosby's Egyptian and is suitable for table or canning when half grown. It is dark red, almost globular in size and shape, and has a medium-sized top. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30.

Lentz Early. Fine for sowing in hotbeds and early outdoors. Flesh red, with zone of lighter shades. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 85c.; $\frac{1}{2}$ lb. \$1.50.

Michell's Winter Keeper. Globe-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

Mangel-Wurzel

Sow five pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

Golden Tankard. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$1.25.

Lane's Improved White Sugar. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$1.25.

Mammoth Long Red. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

Swiss Chard. See page 52.

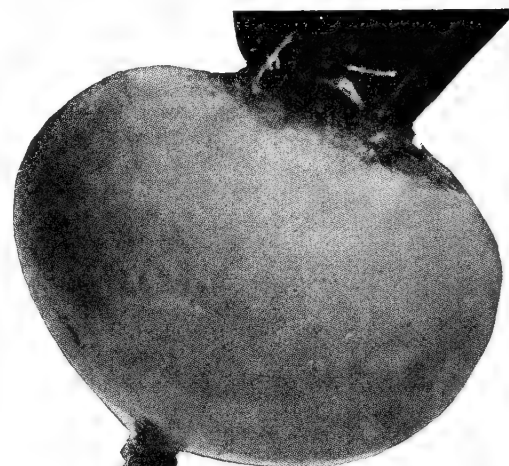
BORAGE

An herb whose leaves are used as a salad. Pkt. 15c.; $\frac{1}{2}$ oz. 50c.; oz. 85c.

CUPROCIDE (Cuprous Oxide)

A seed-protectant for treating Beet seed before sowing, to prevent the fungous disease known as damping-off.

Price, 4 ozs. 35c.; lb. 90c.; 5 lbs. \$4.00; 24 lbs. \$14.00.



Early Wonder Beet



Mangel-Wurzel



Italian Broccoli

BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.) BROCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

Early Green Calabrese. Much sought by the Italian trade, and is quite popular in American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small, loose heads. Pkt. 15c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

Rapa or 40-Day. A very early type of sprouting Broccoli, producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 15c.; $\frac{1}{2}$ oz. 50c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.00.

White Cape. Forms creamy white heads of good flavor, quite equal to cauliflower. Pkt. 15c.; $\frac{1}{2}$ oz. 60c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

LAGS RABBIT CHASER. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

SWISS CHARD

Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.35; $\frac{1}{2}$ lb. \$2.50.

Giant Lucullus. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

SWISS CHARD, continued

Fordhook Giant. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30.

CARAWAY

Herb used for flavoring, etc. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c.

CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 20c.; large pkt. 50c.; $\frac{1}{4}$ oz. \$1.10.

CHAMOMILE

Herb with medicinal qualities. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES



Swiss Chard

MICHELL'S CHOICE CARROT SEEDS

CAROTTE (Fr.) MOHRRÜBE (Ger.) CAROTA (Ital.)

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June. The long sorts should be sown early; the half-long and round sorts can be sown later.

California Bunching. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Chantenay Half-Long. Special Strain. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 20c.; $\frac{1}{2}$ oz. 45c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.35; lb. \$7.75.

Chantenay Half-Long. Usual Strain. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

Coreless or Nantes Half-Long. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Danvers Half-Long. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. A first-class Carrot for all soils and valuable for table and stock. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

Early Scarlet Horn. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 20c.; $\frac{1}{2}$ oz. 45c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.35; lb. \$7.75.

Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Imperator. This new Carrot has become very popular as it combines attractive appearance with first-class quality. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained, deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Improved Long Orange. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

Rubicon Half-Long. Deep orange-red flesh of finest quality; stump-rooted. Earlier than Danvers Half-Long and not quite so long. Well adapted for early forcing and for growing outside. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.15; lb. \$7.50.

Very Early Short Horn or French Forcing. An early forcing variety with a small, round root, not much larger than a Radish. It may be sown outdoors or under glass. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

White Belgian. Used principally for stock, not being desirable for the table. Produces a long, thick, white root. Pkt. 15c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.25.



Chantenay Half-Long Carrots

MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPuccio (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

All seeds on this page mailed postage free

Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

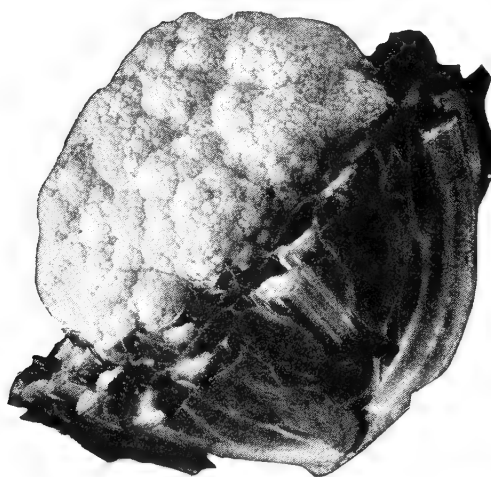
Jersey Queen. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.

Marion Market. A very large, round head; early, solid and of fine quality. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25.

Wisconsin (Hollander). A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.



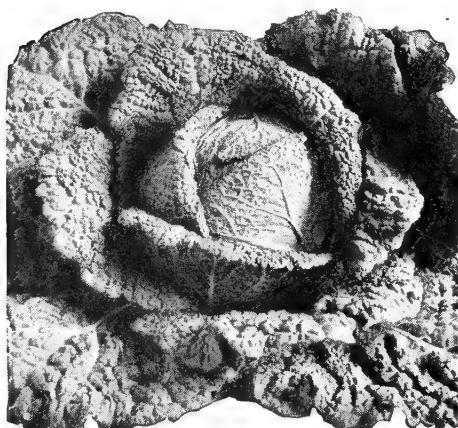
Jersey Queen Cabbage



New White Wonder Cauliflower



Copenhagen Market Cabbage



Perfection Drumhead Savoy Cabbage

ALL PRICES SUBJECT TO MARKET CHANGES

Early Cabbage

Allhead. The largest of the early Cabbages. Head roundish flat and remarkably solid, excellent for winter as well as early spring. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Babyhead. An excellent early variety with small head, usually less than 6 inches across, round, firm, and of fine quality. Pkt. 15c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Charleston or Large Wakefield. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 55c.; $\frac{1}{4}$ lb. \$1.50.

Copenhagen Market. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 lbs. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 55c.; $\frac{1}{4}$ lb. \$1.85.

Extra-Early Jersey Wakefield. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Green Acre. An entirely new type of extra-early, round-headed Cabbage. The only white variety which possesses an inherent green-colored surface of head. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 70c.; $\frac{1}{4}$ lb. \$2.35.

Golden Acre. Dwarf plants and round, solid, uniform heads, averaging 5 pounds in weight. Has few outer leaves, making it suitable for close planting. Follows Babyhead in earliness yet it is 10 days earlier than Copenhagen Market. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.

Henderson's Early Summer. Heads of medium size, roundish flat, and solid. Fine for following the early types. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.85.

Late or Winter Varieties

All Seasons or Vandergaw. Very large head, round and solid, valuable for late summer or winter use. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.

Danish Ballhead. *Tall Stem.* Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.

Danish Roundhead. *Short Stem.* Heads exceptionally hard, excellent for sauerkraut as well as for winter storing. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Late Flat Dutch. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Mammoth Red Rock. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Perfection Drumhead Savoy. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Red Dutch Drumhead. A red variety used extensively for pickling, and for cole slaw it has merits over the white kinds. It is principally used for winter, keeping well until spring. Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Cabbage Plants

Early Sorts. Coldframe-grown. 100, \$100; 1000, \$7.50.

Late Sorts. Field-grown. 100, \$1.00; 1000, \$7.50.

Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2 $\frac{1}{2}$ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Chihili (Improved Pekin). Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Pe-Tsai. Heads firm; grows somewhat taller than Wong Bok, but not as thick through. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Wong Bok. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHL (Ger.)

CAROL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant or Dry Weather. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00; oz. \$7.50.

Early Selected Erfurt. One of the earliest varieties. Medium-sized heads. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$2.00; $\frac{1}{2}$ oz. \$3.75; oz. \$7.00.

Early Snowball. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$3.50; oz. \$6.00.

Michell's Earliest Snowstorm. Colossal heads of purest white, often 10 inches in diameter. Especially desirable for its earliness under glass, but does equally well in late spring, summer, or autumn outdoors. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$2.50; $\frac{1}{2}$ oz. \$4.50; oz. \$8.00.

New White Wonder. An improved strain developed and bred for the critical grower. We have reports that it is 10 days earlier than Snowball. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 50c.; large pkt. 90c.; $\frac{1}{4}$ oz. \$3.00; $\frac{1}{2}$ oz. \$5.00; oz. \$8.50.

Snowdrift. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; large pkt. 75c.; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00; oz. \$7.50.

Super-Snowball. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 50c.; large pkt. 90c.; $\frac{1}{4}$ oz. \$3.00; $\frac{1}{2}$ oz. \$5.00; oz. \$8.50.

Veitch's Autumn Giant. A very desirable, large, late variety. Pkt. 10c.; $\frac{1}{4}$ oz. 70c.; $\frac{1}{2}$ oz. \$1.35; oz. \$2.50.

Cauliflower Plants Ready April 15th

Snowball variety only. Pot-grown plants, doz. \$1.00; 100, \$7.00. Not available.

MICHELL'S CHOICE CELERY

CELERI (Fr.) SELLERIE (Ger.) SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants; ½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seed-bed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing-place, will make shorter, stockier plants.

Seeds offered on this page mailed postpaid at quoted prices

Early Varieties

Crispheart. A new early green Celery with broad, thick stalks 9 to 10 inches long. Full, long hearts, noted for their exceptional crispness and flavor. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Easy-Blanching. *Pennsylvania-grown Seed. Special Strain.* A much improved type. Stalk large, fine-grained, and of delicious flavor. Plants set in June are ready for use in early September. Our seed is grown by one of the leading market gardeners of Pennsylvania. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$4.00.

Easy-Blanching. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.60.

Golden Plume. *Special Strain.* This strain has proved worthy of especial mention as to earliness, type, and general appearance. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$3.25.

Golden Plume. *Usual Strain.* Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 10c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.00.

Golden Self-Blanching. *American-grown Seed.* One of the earliest and most productive sorts. The beautiful golden stalks attain a height of 1 ½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 10c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.00.

White Plume. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.25.

Late Winter Varieties

Emperor. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

Giant Pascal. Thick, meaty, tender stalks of unsurpassed flavor. One of the best varieties because of its long season, being fit for table use in October and keeps well into spring. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.15.

Salt Lake or Utah. An excellent green variety for all uses. Matures about a week or 10 days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.00.

Winter King. Perfectly solid, crisp, and of delicious flavor. Good keeper. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.25.

Winter Queen. A medium-tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.15.

CELERIAC

This is a two-purpose vegetable: the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35.

Celery for Flavoring

NOT FOR SOWING

¼lb. 60c.; lb. \$1.75.

CELERY PLANTS Ready in July

Leading varieties, see page 55. 100, 75c.; 1000, \$6.00.

CHIVES • Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt. 25c.; ¼oz. 65c.; ½oz. \$1.10.

Strong Plants. Each 25c.; doz. \$2.50; 25 for \$4.50.

CHICORY

One ounce will sow a row 100 feet long

Witloof or French Endive. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 or 3 inches. They are taken up after a few hard frosts and cared for the same as turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top-growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. A cold frame makes also an ideal place for forcing them in the late winter or early spring months. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

CHERVIL

One ounce will sow a row 50 feet long

An aromatic plant used extensively in Europe as a salad garnishing and seasoner. For a continuous crop, sow in rows every two weeks; if one has heated frames or a greenhouse, it can be sown under glass all winter or in hotbeds in February. It can be cut 4 to 5 weeks after sowing.

Double Curled. Pkt. 15c.; ½oz. 40c.; oz. 75c.

CITRON

Preserving Melon

This will be found described under Melons. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. 85c.

COLLARDS

One ounce of seed will produce 3000 plants

These are extensively grown in the South and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

Georgia or Southern. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. 85c.

ALL PRICES SUBJECT TO MARKET CHANGES



Celery, Crispheart



Celeriac

MICHELL'S SELECTED SUGAR CORN

MAIS (Fr.) MAIS (Ger.) GRANO TURCO (Ital.)

One pound will plant about 150 hills; 12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense

Early Varieties

Golden Bantam. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Golden Giant. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Golden Sunshine. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears $6\frac{1}{2}$ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; $\frac{1}{2}$ lb. 30c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Whipple's Early Yellow. Produces a large ear of exceptional quality. Stalks large, often producing two marketable ears 8 to 9 inches long with 14 rows of broad, deep kernels. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Medium Varieties

Bantam Evergreen. A yellow variety much larger than Golden Bantam and claimed to be more productive and much earlier. An excellent variety for mid- and late-season planting. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Black Mexican. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Early Evergreen. Resembles Stowell's Evergreen, but ripens 10 days earlier. Large, well-shaped ears, with deep grains. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Howling Mob. Fine for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Kendel's Early Giant. Large, very cylindrical ears, with deep, extra-sweet grains. An ideal sort for the first and last planting. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Stabler's Extra Early. Standard sort for home-gardens. The large ears are well covered with tender grains which cook pure white. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Late Varieties

Country Gentleman. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Stowell's Evergreen. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Hybrid Sweet Corn

Alphagold. (60 days.) A very fine Corn of outstanding quality. Four days earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.; $\frac{1}{2}$ lb. 35c.; lb. 60c.; 2 lbs. \$1.10; 5 lbs. \$2.50.

Aristogold. (83 days.) Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.; $\frac{1}{2}$ lb. 30c.; lb. 50c.; 2 lbs. 90c.

Aristogold Bantam Evergreen. (87 days.) This is the biggest yellow Sweet Corn which can be classed in the high-quality group. Ears are 16 to 18-rowed, 9 to 10 inches long, with clean stalks 8 to 9 feet tall. It has yielded as much as ten tons of snapped ears per acre under good conditions and is resistant to ear worm, smut, and hot weather. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 2 lbs. \$1.30; 5 lbs. \$3.00.

Carmelcross. (75 days.) A new development by the Connecticut Agricultural Experiment Station, and recommended for the northeastern states. Ears average 12 rows. Resembles Marcross but is later in maturing. Excellent quality. Pkt. 15c.; $\frac{1}{2}$ lb. 35c.; lb. 60c.; 2 lbs. \$1.10; 5 lbs. \$2.50.

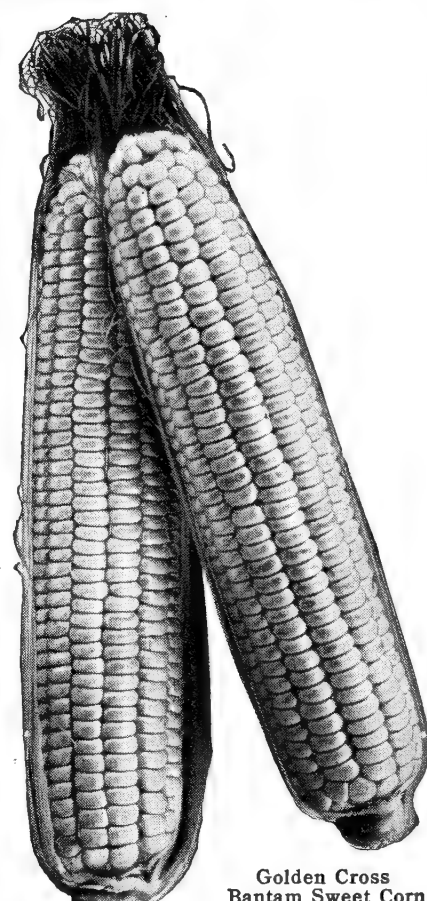
Golden Cross Bantam. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 to 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.; $\frac{1}{2}$ lb. 40c.; lb. 70c.; 2 lbs. \$1.30; 5 lbs. \$3.00.

Hybrid Stowell's Evergreen Corn. (93 days.) Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root growth, a sturdier stalk, is disease-resistant. Plant Hybrid Stowell's Evergreen for your main crop. Pkt. 15c.; $\frac{1}{2}$ lb. 35c.; lb. 60c.; 2 lbs. \$1.10; 5 lbs. \$2.50.

Lincoln. 1942 Winner Bronze Medal. Tallest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 or 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. See Front Cover. Pkt. 15c.; $\frac{1}{2}$ lb. 50c.; 2 lbs. \$1.70.

Marcross. (70 days.) Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.; $\frac{1}{2}$ lb. 30c.; lb. 55c.; 2 lbs. \$1.00; 5 lbs. \$2.25.

Silver Cross Bantam. (82 days.) Breeders said it couldn't be done, but this snowy white counterpart of Golden Cross Bantam brings all the quality, flavor, and tenderness of the fancy yellow Corns into the white class for the first time. The heavy 12 to 14-rowed ears are somewhat larger than Golden Cross type and the 7 to 8-foot stalks are exceptionally clean and free from suckers. Pkt. 20c.; $\frac{1}{2}$ lb. 50c.; lb. 90c.; 2 lbs. \$1.60; 5 lbs. \$3.50.



Golden Cross
Bantam Sweet Corn

HYBRID SWEET CORN, continued

Spancross. (66 days.) Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.; $\frac{1}{2}$ lb. 30c.; lb. 55c.; 2 lbs. \$1.00; 5 lbs. \$2.25.

The Vanguard (Improved Howling Mob). Height of stalk 5 to 5 $\frac{1}{2}$ feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. About a week to ten days earlier than Howling Mob. A favorite in New Jersey for a first-early Sweet Corn. Pkt. 10c.; $\frac{1}{2}$ lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.70.

Pop Corn (Shelled)

Queen's Golden. Pops white.
Snowflake.

Lb. 20c.; 3 lbs. 55c.

Corn-Poppers

Made of the best-quality wire. Price includes handle and lid. 1-qt. size 25c.; 2-qt. size 50c.

CORN SALAD • Fetticus

MACHE RONDE (Fr.) ACKERSALAT (Ger.)

This is principally sown for a supply of greens during winter and early spring months. Sow thinly in drills, early in the spring or during August and September. When cold weather approaches, cover with a litter of leaves or long manure or straw, to be removed in spring.

Large-leaved, Round-seeded. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

A freshly picked Cucumber is as crisp as a frosty morning—Why not grow some?

MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphid or green fly, a spraying with Black-Leaf 40 is usually very effective.

Arlington White Spine. This is the leading sort for the home- or market-garden, and with those who make a specialty of growing them under glass. Fruits smooth, deep green to the tip, and measure uniformly 8 inches in length. It has few seeds, making it valuable for slicing or pickling. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

Colorado. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Davis Perfect. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

Early Fortune. One of the finest Cucumbers of the White Spine type. The medium-length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

Early Market. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Gherkin or Burr. For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; oz. 25c.; ¼lb. 80c.

Improved Long Green. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits are formed almost as early as the short sorts and average 1 foot in length. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

National Association Pickling. A highly desirable, very extensively used pickling strain developed at the Michigan Agricultural College in collaboration with the National Pickle Packers' Association. Fruits dark green, symmetrical, with thick walls, full ended, slightly shorter than Chicago Pickling. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Straight 8. Fine dark green color, free of white tips. Grows 8 inches long by about 1½ inches thick and is of remarkably uniform straight shape. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

English Forcing Cucumbers

These are fine for growing in hotbed frames during the summer months, in preference to the open ground. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter. They have a delicate flavor and very few seeds; for slicing, no other sorts can approach them.

	Pkt.	100 seeds
Lockie's Perfection. A favorite standard variety	\$0 25	\$2 25
Sion House.	25	2 25
Telegraph. Smooth fruits, 14 to 16 inches long	25	2 25
Tender and True. Long	25	2 25

CORIANDER

Herb used for flavoring, etc. Pkt. 20c.; large pkt. 35c.; ¼oz. 50c.

GARDEN CRESS

Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. It is prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. Pkt. 10c.; oz. 20c.; ¼lb. 45c.

WATER CRESS

This may be sown early in spring near the brink of a pond or spring-water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself.

True Erfurt. Pkt. 15c.; oz. 50c.; ¼lb. \$1.50.

DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

Italian (Cicboria Catalogna). A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt. 15c.; oz. 60c.; ¼lb. \$2.00.

DANDELION, continued

Thick-leaved or Cabbaging. This is far superior to the common variety, having much broader and longer foliage. We offer a very fine stock. Pkt. 20c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

Arlington Thick-leaved (French Broad-leaved). The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Also known as Improved Thick-leaved. Pkt. 15c.; oz. 60c.; ¼lb. \$2.00.

Common French. Low-growing type, early and hardy. Plants spread 16 to 20 inches, with closely formed center and fairly large, cut leaves. Pkt. 10c.; oz. 50c.; ¼lb. \$1.60.

DILL

An herb used extensively for culinary purposes and for putting with Cucumbers when pickling. Grows 2½ feet high. Pkt. 15c.; oz. 30c.; ¼lb. \$1.00.

ENDIVE • CHICORY

CHICOREE (Fr.) ENDIVIEN (Ger.)
INDIVIA (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

ENDIVE, continued

Full-Heart Batavian (Escarolle). Leaves broad, light green, nearly plain. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Giant Fringed. Oyster Endive. Large, white heart and broad, fringed leaves. Heads measure 15 inches in diameter. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Improved Green Curled. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

White Curled (Self-blanching). This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)
PETONCIANO (Ital.)

One ounce will produce 1000 to 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.25.

New York Improved. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.25.

EGGPLANT PLANTS (Ready May 15)

New York Improved and Black Beauty. Pot-grown. Doz. 75c.; 100, \$6.00. Not mailable.

FENNEL

Finocchio or Florence. Herb. Pkt. 15c.

Sweet. Herb. Pkt. 20c.; large pkt. 35c.; ¼oz. 75c.

HERBS

See complete list on page 54.

GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)
One pound will sow 200 feet of row

A hardy flavoring Onion, used extensively in the French method of cooking. Lb. 40c.; 5 lbs. \$1.80; 10 lbs. \$3.50.

HOP-VINE

Besides being used for culinary and medicinal purposes, this makes a valuable shade plant. It is hardy and rarely winter-kills. The Hops are gathered about September and stored for use on a dry floor, or hung in bags.

Green Variety. Pot-grown Plants. 30c. each; doz. \$3.00.

HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety far superior to the common sorts. Large cuttings, 35c. per doz.; 100, \$1.50; 1000, \$10.00.

ALL PRICES SUBJECT TO MARKET CHANGES

KALE · BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

Dwarf Blue Scotch. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 30c.; ¼lb. 85c.; lb. \$2.75.

Dwarf Green Curled. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 30c.; ¼lb. 85c.; lb. \$2.75.

Imperial Long-standing. The outer edges of the leaves are very crimp, inside smooth, dark green, with bluish cast. Hardy and productive. Pkt. 15c.; oz. 30c.; ¼lb. 85c.; lb. \$2.75.

Siberian. A very hardy variety with large leaves that cook very tender. Pkt. 15c.; oz. 30c.; ¼lb. 85c.; lb. \$2.75.

KOHLRABI

CHOU RAVE (Fr.) KOHLRABI (Ger.)
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

Purple Vienna. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75; lb. \$5.75.

Early White Vienna. This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75; lb. \$5.75.

LEEK

POIREAU (Fr.) LAUCH (Ger.) PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

American Flag. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 20c.; ½oz. 85c.; oz. \$1.50; ¼lb. \$5.00.

Giant Carentan. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 20c.; ½oz. 85c.; oz. \$1.50; ¼lb. \$5.00.

ROMAINE · COS LETTUCE

This type, of French origin, differs greatly from the American varieties by its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. It has a decided flavor. Best adapted to outdoor planting and stands the heat well.

Kingsholm. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib. Heads are very full throughout. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Paris White Cos. White seed. Strong grower and very productive, with long, shell-shaped, medium green leaves of most excellent quality. A self-folder, but when plant is over half grown it is best to tie it up with string so that the inner leaves may be blanched perfectly white. Head 8 to 9 inches high, long loaf-shaped. Pkt. 10c.; oz. 30c.; ¼lb. \$1.00.

MICHELL'S CHOICE STRAINS OF LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.) LATTUGA (Ital.)

One ounce will produce about 2500 plants

All prices on this page include postage

Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two or three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

All Heart. An excellent Lettuce for either spring or summer use. The head, while large, has a loose heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Big Boston. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Boston Market (White-seeded Tennisball). Early, small heading variety. One of the best for forcing. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Cosberg. A home-garden variety with ability to head in summer weather and resist tipburn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 15c.; oz. 35c.; ¼lb. \$1.10. See front cover.

Iceberg. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Imperial No. 44. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tipburn than other varieties. Pkt. 15c.; oz. 35c.; ¼lb. \$1.15.

Imperial No. 847. Originally developed as a brown-blight-resistant variety for summer planting in California, has in recent seasons given most satisfactory results in other sections. Heads are medium large, hard, fine and well covered by the inner leaves. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

Improved Hanson. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Resists the heat well. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

May King. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Heading Varieties, continued

Michell's No. 1. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. We do not recommend it for forcing. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

New York or Wonderful No. 12. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

White Big Boston. A new heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge so common in that variety. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

Black-seeded Simpson. Ideal for midsummer use. When matured, presents a formidable loose head with finely fringed leaves. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

Early Curled Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 10c.; oz. 20c.; ¼lb. 65c.

Early Curled Simpson. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; oz. 20c.; ¼lb. 65c.

Grand Rapids. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; oz. 25c.; ¼lb. 75c.

LETTUCE PLANTS. We can supply these in heading varieties only, of our selection. 25 plants 25c.; 100, 75c.; 1000, \$6.00.

CHICKEN LETTUCE

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Sow seed in rows or broadcast early in spring. Pkt. 10c.; oz. 15c.; ¼lb. 50c.

LAVENDER

Herb whose fragrant dried flowers are used in sachets.

SEED, pkt. 20c.; large pkt. 35c.; ¼oz. 75c.
PLANTS, pot-grown. 30c. each; doz. \$3.00.

MINT

Herb used for flavoring. Pkt. 25c.; large pkt. 60c.

Mint Plants (Pot-grown)

Peppermint. 25c. each; doz. \$2.50.
Spearmint. 25c. each; doz. \$2.50.

MICHELL'S PURE CULTURE MUSHROOM SPAWN

Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet. Ask for our Free Leaflet on Mushroom Culture.

Pure White.

Brick	\$0 35	25 bricks . . .	\$6 50
5 bricks	1 50	50 bricks . . .	12 50
10 bricks	2 75		

Mushroom or Hotbed Thermometers

No. 20450. Iron point; oxidized finish. Price, \$3.00

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

How to Grow Mushrooms

BY FALCONER

170 pages. Price, \$1.75

ALL PRICES SUBJECT TO MARKET CHANGES

Muskmelons are easy to grow and here are the best varieties—try some

MICHELL'S MUSKMELON OR CANTALOUPE

MELON MUSCADE (Fr.) MELONE (Ger.) POPONE MELONE (Ital.)

One ounce will sow about 50 hills; 2 to 3 pounds, an acre

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

Emerald Gem. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

Fordhook. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

Hale's Best. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Hearts of Gold. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

Henderson's Bush. A spicy, green-fleshed melon very suitable for the home-garden on account of its productiveness. Pkt. 20c.; oz. 35c.; $\frac{1}{4}$ lb. 90c.

Honey Dew. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Honey Rock. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

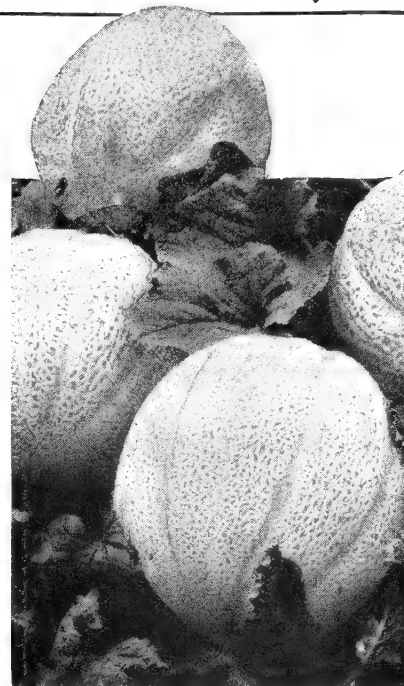
Michell's Delicious. Large fruits often weigh 15 to 20 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Pride of Wisconsin. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

New Surprise. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon color, thick and sweet. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Rocky Ford. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

Mangel-Wurzel. See page 40



New Surprise Muskmelons



Hearts of Gold Muskmelons

MICHELL'S CHOICE STRAIN WATERMELONS

MELON D'EAU (Fr.) WASSER MELONE (Ger.) MELONE D'AQUA (Ital.)

One ounce will sow 30 hills; 10 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering $\frac{1}{2}$ inch deep. When well established, thin out to three or four of the strongest plants to each hill. A little land plaster dusted over the young plants will keep beetles away. Watermelons should not be planted until after the soil has become thoroughly warm. We offer only the varieties which from experience we know are the better ones.

Halbert Honey. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Harris' Earliest. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Kleckley Sweets. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Pride of Muscatine. *Wilt-resistant.* A new melon that will be welcomed in sections where melon wilt prevails. It is more immune from this plant disease than any variety we know. A long, dark green variety with red flesh, exceptionally sweet. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Stone Mountain. A good market and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight, 40 to 50 pounds. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Tom Watson. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

WATERMELON SEEDS. For medicinal purposes. Lb. 85c.

Preserving Melon • Citron

California Red-seeded. A large-fruited variety with pure white flesh and thin rind. Preserved melon is expensive when bought, yet melons can be grown and preserved by any energetic housewife, who will then be assured that her preserved melon is absolutely pure and good. It is planted like watermelon. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. 85c.

FORCING MELONS

ENGLISH VARIETIES

Forcing Melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed. These will ripen fruit in June and July. For indoor use, treat same as forcing cucumber.

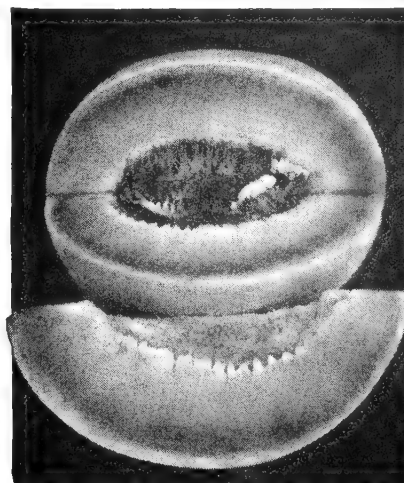
Blenheim Orange. Orange flesh. Pkt. 25c.; 3 pkts. 65c.

Sutton's A1. Scarlet flesh. Original pkt. \$1.25.

Windsor Castle. Green flesh. Pkt. 25c.; 3 pkts. 65c.

MELON NETS. For supporting forcing melons in greenhouses. Made very strong; will last for a number of crops. Doz. \$2.50; 100, \$18.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Honey Dew Melon

Onions need but little space yet they yield enormous returns

MICHELL'S SELECT ONION SEED

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Bermuda White. Light yellow or straw color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

Early Yellow Globe. A recent introduction that appears to have merit. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

Prizetaker. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

Southport Red Globe. Medium to large and of average earliness; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

Southport White Globe. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is one of the mildest Onions. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; 2 ozs. \$1.85.

Southport Yellow Globe. Brigam Strain. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

Sweet Spanish. Riverside Strain. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

White Bunching. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; 2 ozs. \$1.85.

White Barletta. An extra-early, small, round variety, used principally for pickling, also for bunching. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

White Portugal or Silver Skin. The standard white Onion for market or home use. Mild-flavored, semi-globe shaped Onion, very uniform in growth and size. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; 2 ozs. \$1.85.

Yellow Globe Danvers. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 15c.; ½oz. 50c.; oz. 90c.; 2 ozs. \$1.75.

ONION SETS

One quart will plant about 50 feet of row

Plant as soon as the ground can be worked. Press the bulb in the ground lightly (do not cover), in rows 1 foot apart, 2 inches apart in the row. So that all the development goes in the Onion, on signs of their going to seed, bend the top over, but do not break it off. The advantage in planting Onion Sets lies in the fact that the young Onion often is ready 5 weeks from the time of planting, while those grown from seed cannot be used until well into the autumn.

Shipped on local orders about March 10, unless otherwise requested.

	Qt.	4 qts.	Pk.
Yellow	\$0 30	\$1 10	\$2 10
White	35	1 30	2 50
Red	30	1 10	2 10
	Lb.	5 lbs.	10 lbs.
White Multiplier	\$0 30	\$1 40	\$2 50
Potato Onions	30	1 40	2 50
Shallots	30	1 40	2 50
Garlic Sets	30	1 40	2 50
Tree or Top Onions. Ready latter part of August.			

We give 32 pounds per bushel on Onion Sets.

We make a specialty of choice Onion Sets



Yellow Globe Danvers Onions



Hollow Crown Parsnips

MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Fordhook Fancy. Produces a large crop of leaves resembling an ostrich plume which are of mild flavor. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

Southern Giant Curled. The best of the curled Mustards. Sweet flavor. Matures very early and produces abundant foliage. Pkt. 15c.; oz. 40c.; ¼lb. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.) OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

Perkins Long-Pod. A dwarf type, setting pods when the plants are only a foot high. Can be planted early. Dark green, long, tender pods. Pkt. 10c.; oz. 20c.; ¼lb. 55c.

White Velvet or Creole. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.; ¼lb. 55c.

PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.) PASTINACA (Ital.)

One ounce will sow 150 feet of row; 5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

Improved Sugar or Hollow Crown. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 15c.; oz. 35c.; ¼lb. \$1.00; lb. \$3.25.

PENNYROYAL

Herb used in medicine. Pkt. 20c.; large pkt. 35c.; ¼oz. 75c.

You've never eaten PEAS until you have grown your own

MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.) ERBSEN (Ger.) PISELLO (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Extra-Early Varieties

Alaska. 2½ ft. Smooth seeded. Very early. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Alderman. A giant-podded variety of the Telephone group. Vines 4½ to 5 feet tall, dark green. Pods dark green, tapered, 4½ to 5½ inches long, ⅞ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Early June. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Early Eight Weeks. Wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60; 10 lbs. \$2.90.

Gradus or Prosperity. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60; 10 lbs. \$2.90.

Laxtonian. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Laxton's Progress. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Little Marvel. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Nott's Excelsior. 15 in. A fine early wrinkled Pea, producing heavy crops of full pods. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Special Extra Early. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

Thomas Laxton. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Please note: Below is a list of a few varieties of vegetable seeds, some of which have been developed by the U. S. Department of Agriculture and others by various State Agricultural Colleges. These are resistant to the various diseases which attack them and we highly recommend them.

Asparagus, Washington. Seed or Roots.
Sugar Corn, Golden Bantam.
Watermelon, Pride of Muscatine.
Tomato, Break o'Day.
Tomato, Marglobe.

Second-Early Variety

Dwarf Telephone. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

Dwarf Gray Sugar. 2 ft. Gray seed. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Tall Luscious Sugar. 4 ft. Gray seed. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Honey Sweet

Most Distinct Sugar Pea Ever Introduced

Curved pods that are thick, fleshy, and free from hard tissues. Can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads. Pkt. 20c.; ½lb. 75c.; lb. \$1.25; 2 lbs. \$2.40.

General or Late-Crop Varieties

Champion of England. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Dwarf Champion. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; ½lb. 20c.; lb. 35c.; 2 lbs. 65c.; 5 lbs. \$1.50.

Tall Telephone. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

Yankee Prince. 4 ft. A large-podded, wrinkled sort and a heavy yielder. Pods often measure 6 inches in length. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. \$1.60.

PARSLEY

PERSIL (Fr.)

PETERSILIE (Ger.)

PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1½ feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$2.10.

Double Curled or Covent Garden. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$2.10.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. \$1.35.

Plain or Single. Leaves not curled. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.70.

Tom Thumb. Extra-curled, of dwarf habit, uniform in shape and compactness. Best for home-garden use, also for edging borders and for decorative purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.; lb. \$2.25.

Peerless. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. \$1.35.

Parsley Plants (Ready in April)

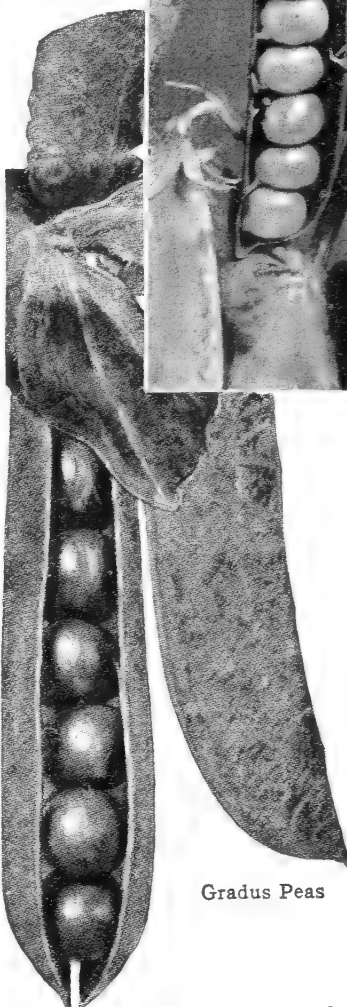
Large, specimen, pot-grown plants ready for use. Doz. \$1.00; 100, \$7.00.
Not mailable.

ALL PRICES SUBJECT TO MARKET CHANGES

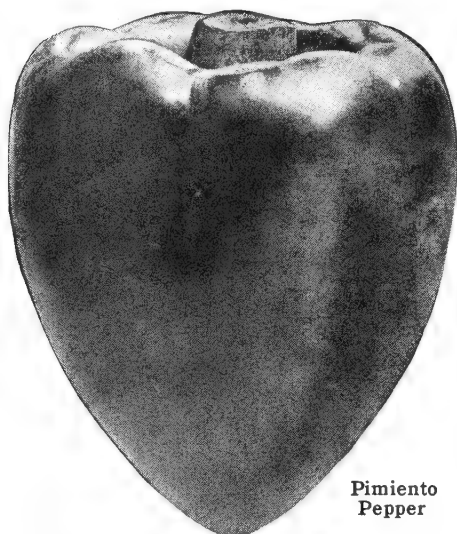
Early June Peas



Gradus Peas



Do you know that a few Pepper plants will supply a large family?



Pimiento
Pepper



Ruby King Pepper

PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.)
CECE DE TERRA (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. $\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.50.

ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.30. Pot-grown plants, ready in April. 30c. each; doz. \$3.00.

Rutabaga. See page 54.

PRICES SUBJECT TO CHANGES

MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, $1\frac{1}{2}$ feet apart in the row.

Mild or Sweet Varieties

California Wonder. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.

Chinese Giant. Monster, perfectly sweet Pepper with green fruit turning bright scarlet. Matures late. Fine for stuffed mangoes. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$2.00.

Golden Dawn. Very sweet, large yellow variety shaped like the Chinese Giant. Pkt. 10c.; $\frac{1}{2}$ oz. 40c.; oz. 70c.; $\frac{1}{4}$ lb. \$2.15.

Harris' Early Giant. A new early variety of large size; deep green turning to red; flesh thick and of a sweet pleasant flavor. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

King of the North. A large, handsome, early variety which we recommend for growing in sections where seasons are short. Dark green, turning later to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 70c.; $\frac{1}{4}$ lb. \$2.15.

Neapolitan. Large, early, thick-meated variety of mild flavor. Bright red when ripe. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Pimiento. Excellent, uniformly shaped, sweet, green changing to red when fully ripe. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Ruby Giant. Very large, of mild flavor. Adapted for stuffing. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Ruby King. Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red as they mature, with flesh fairly thick and mild in flavor. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Mild or Sweet Varieties, continued

Tomato or Squash. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Sweet Banana. A very early, productive, long-pointed yellow Pepper with thick sweet flesh. Pods turn red at full maturity. Superb to use as yellow and red slices in fancy salads. Pkt. 15c.; $\frac{1}{2}$ oz. 75c.; oz. \$1.25.

World Beater. Very similar to Ruby Giant, but grows slightly larger; flesh very meaty and of mild flavor. Choice seed, grown in New Jersey. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Hot Varieties

Bell or Bull Nose. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruit, turning later to vivid scarlet; flesh fairly thick and slightly hot or pungent. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Hungarian Wax. Fruits about $2\frac{1}{2}$ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot; used principally for pickling. Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 55c.; $\frac{1}{4}$ lb. \$1.75.

Large Red Cherry. A large hot variety, extensively used for canning whole; averages $1\frac{1}{2}$ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Long Red Cayenne. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Red Chili. The small narrow red pods are very hot; used for seasoning. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Pepper Plants Ready in May

Bull Nose and Ruby King only.

Pot-grown Plants. Doz. 75c.; 100, \$6.00.
Not available.

MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.)
PATATA (Ital.)

Plant one peck for 100 feet of row

Plant 12 to 14 bushels per acre

TIME OF SHIPMENT. Potato-shipment with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of $2\frac{1}{2}$ bushels each.

Beats Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

Early Rose (Houlton or Maine). A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

Green Mountain. An excellent general-crop variety. White; roundish flat.

Irish Cobbler. An excellent sort, almost round in shape.

Jersey Redskin. Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

Russet. An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

Prices on Seed Potatoes are established about March 1

Sweet Potato Plants

Ready in June

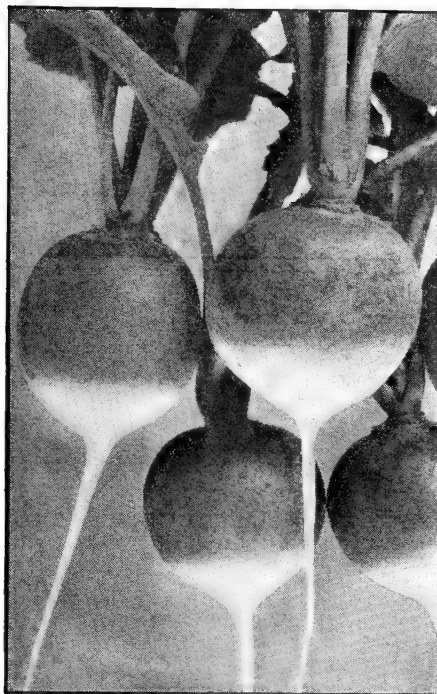
Yellow and Red Nansemond. 100, 75c.; 1000, \$5.00. Not less than 100 plants of a variety can be furnished.

We regret we cannot supply tubers of Sweet Potatoes.

FORMACIDE. For treating seed potatoes to insure against disease-producing germs and spores that are present. Apply the dust to the seed-pieces at the rate of 4 ounces to 1 bushel of potatoes. $\frac{1}{2}$ lb. 50c.; lb. 85c.; 5 lbs. \$3.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

NEW IMPROVED SEMESAN BEL (Du Bay). For treating seed potatoes before planting. Simply mix, dip, drain, dry, and your seed potatoes are ready for planting. May be used on either whole or cut seed-pieces. Effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. One pound treats 60 to 80 bushels of seed. 2 ozs. 30c.; lb. \$1.65; 5 lbs. \$7.15; 25 lbs. \$33.25; 100 lbs. \$125.00.

It's true! You are "healthy, wealthy and wise" in your own garden



Scarlet Turnip White-tipped Radishes

RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

Victoria. Immense long stalks of a cherry-red color. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Rhubarb Roots

Ready April 1 for spring planting; Oct. 15
for fall planting

MacDonald's. A new variety of great merit. Fine for market or for home-gardens. Doz. \$3.00; 100, \$22.00.

Victoria. 3 for 50c.; doz. \$1.50; 100, \$10.00.

SAGE

Holt's Mammoth. Herb used in flavoring. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c. Pot-grown plants, ready in April, each 25c.; doz. \$2.50.

SORREL

OSEILLE (Fr.) SAUERAMPFER (Ger.)
ACETOSA (Ital.)

Broad-leaved French. Used as a spinach dressing, also as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. The seed-stalks should be cut off when they appear. Pkt. 20c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.85.

PRICES SUBJECT TO CHANGES

MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.) ZUCCA (Ital.)

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre

NOTE—All seeds on this page sent postpaid at quoted prices

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. To obtain strong vines, they may be pinched back somewhat, and if large specimens are desired, leave but one or two Pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

Connecticut or Common Field. Almost round light yellow fruits produced in great abundance; flesh coarse and suitable only for stock-feeding. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.15.

Japanese Pie. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25.

King of the Mammoths. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Large Cheese. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.00.

Mammoth Cushaw or Golden Crook-neck. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.45.

Tennessee Sweet Potato. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.30.

Winter Luxury. Known as the New England pie Pumpkin. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.40.

Pumpkin Seed for medicinal purposes, 75c. per lb.

MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Early Varieties

Cavalier. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin taproot and a uniform bulber. Flesh firm and crisp stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Crimson Giant. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.00.

Early Deep Scarlet Globe (Michell's Strain). A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50.

Early Scarlet or Cardinal Globe. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.90.

Early Scarlet Globe (Short-Top). Special Forcing. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.50.

French Breakfast. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.55.

Iceberg. An excellent white variety; grows $3\frac{1}{2}$ to 4 inches long in 22 days. Valuable for forcing and for open ground. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.55.

Long Scarlet Short-Top. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.55.

Early Varieties, continued

Michell's 25-Day. A crisp table variety. Round; smooth, brilliant red skin; mild flavor. A quick grower. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$1.90.

Philadelphia White Box. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.45.

Round Red or Button. Extra early. Excellent for hotbed or garden culture. Flesh white, mild, and tender. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Scarlet Turnip, White-tipped. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Summer and Winter Varieties

Celestial or White Chinese. Large; pure white; excellent keeper. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

China Rose. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Long Black Spanish. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

Round Black Spanish. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

White Strasburg. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.50.

SALSIFY • Oyster Plant

SALSIFIS (Fr.) HAFER WURZEL (Ger.) SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill; 10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. Enormous; very tender and delicious. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.35.

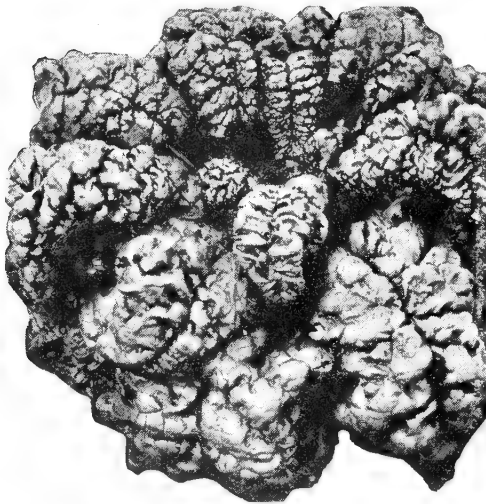
Why not grow some of the small Squash for baking? They're delicious

MICHELL'S SELECT SPINACH SEED

EPINARD (Fr.) SPINAT (Ger.) SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill; 10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed about $\frac{1}{2}$ inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with long manure, straw, or other litter. Spinach can also be grown successfully under hotbed sash.



Bloomsdale Savoy Spinach

Bloomsdale Long-standing Savoy. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

King of Denmark. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Market Gardeners. A decided improvement on all other kinds. Leaves broad, heavy, of dark green, glossy color, heavily blistered. Will stand 7 to 10 days longer without shooting to seed than any variety we know of. Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Long Season. Large, strong, robust plants and crinkled leaves. Will resist a great deal of heat without shooting to seed. Oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

New Zealand. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Heavy yielding, growing upright. One sowing can be picked from throughout the entire summer. To get successful germination, seed should be soaked in warm water for about 12 hours before sowing. Seed should be sown about May 15. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Virginia Blight-resistant Savoy. A low-growing, spreading variety of vigorous growth, which is immune from disease. Exceedingly popular for market. Excellent for fall sowing. Oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

ALL PRICES SUBJECT TO MARKET CHANGES

CUPROCID Cuprous Oxide

A seed-protectant for treating Spinach seed before sowing, to prevent the fungous disease known as damping-off. Use at the rate of 2 teaspoonfuls to 1 pound of seed. 4 ozs. 35c.; lb. 90c.; 5 lbs. \$4.00; 24 lbs. \$14.00.

SQUASH

COURCE (Fr.) KURBIS (Ger.) ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill.

Summer Varieties

Cocozelle or Italian. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Giant Straight Neck. A new bush sort, being a selection from Golden Summer Crookneck. Its superiority lies in its straightness, which permits easy packing and handling. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Giant Yellow Summer Crookneck. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Mammoth White Bush. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Table Queen or Acorn. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Zucchini. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Yankee Hybrid. (All-America Bronze Medal Winner.) The fruits mature from 3 to 10 days earlier than other varieties of this class, and at the same time the yield is much larger because of hybrid vigor. They are more uniform, an important consideration from the standpoint of the commercial grower. Recommended for both home and market gardener. Pkt. 15c.; $\frac{1}{2}$ oz. 45c.; oz. 75c.

Fall and Winter Varieties

Blue Hubbard. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Boston Marrow. Golden orange. Fine for canning for winter use, cooked as a vegetable or in pie. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Delicious. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Golden Hubbard. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Hubbard. True. Fruits large, olive-shaped, with dark green skin and rich flesh of fine quality. Excellent keeper. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

SWISS CHARD

Dark Green Curled. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.35; $\frac{1}{2}$ lb. \$2.50.

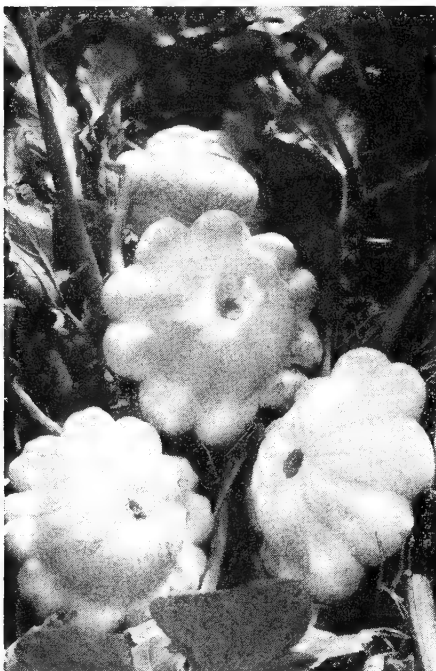
Fordhook Giant. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30.

Giant Lucullus. Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

For description of above, see page 41.

TARRAGON

Fine for flavoring. Pot-grown plants, 35c. each; doz. \$3.50.



Mammoth White Bush Squash

SAFFRON

Herb used in adding color to soups, etc. Pkt. 15c.; large pkt. 30c.; $\frac{1}{2}$ oz. 50c.

SAVORY

Herb used in flavoring.

Summer. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.25.

Winter. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.35.

Shallots. See page 48

SWEET BASIL

Herb used for soups and stews. Pkt. 20c.; large pkt. 35c.; $\frac{1}{4}$ oz. 75c.; $\frac{1}{2}$ oz. \$1.35.

SWEET MARJORAM

Herb whose leaves and shoots are used for seasoning. Pkt. 20c.; large pkt. 50c.; $\frac{1}{4}$ oz. 90c.; $\frac{1}{2}$ oz. \$1.60.

NOTE: All seed on this page mailed post-paid at prices quoted

MICHELL'S SELECT TOMATO SEED

POMME D'AMOUR (Fr.) LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)

One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

Sow in the house or hotbed about March 1; transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1, in rows 3 feet apart, 1½ feet in the row, or in hills 4 feet apart each way. Properly grown Tomato plants should be supported.

All stocks of Tomato marked Special Strain are certified by the state in which they are grown.

NOTE: All seeds on this page mailed postpaid at prices quoted

Bonny Best. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.35.

Break o'Day. Disease-resistant. The open habit of the vines permits the sun to ripen the fruit much earlier than some varieties. Fruits globular, large, smooth, meaty, and a good red color. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

Chalk's Early Jewel. Extra-early, bright red fruit of fine flavor. Very productive. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.35.

Crimson Cushion or Beefsteak. A vigorous grower, producing immense, solid, very meaty fruits, suitable for slicing or canning. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Dwarf Champion. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Dwarf Stone. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Earliana. Penn State. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Early Detroit. A productive, early, large, smooth purple sort. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Golden Ponderosa. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

Greater Baltimore. A main-crop variety. Fruit large, brilliant red, and ripens evenly to the stem. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.60.

Italian Salad. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt. 25c.; ½oz. 70c.; oz. \$1.25.

John Baer. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.35.

June Pink. Large; solid purplish red flesh of fine texture. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. \$2.15.

Marglobe. Special Strain. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Excellent variety to follow our Penn State Earliana. We offer in this special strain an extra-fine selection of the originator's stock. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. \$2.15.

Marglobe. Usual Strain. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.60.

Early Victor. Tomatoes are always newsworthy when choice new sorts are introduced and the new Early Victor deserves a trial place in your garden this year. It is very early, very prolific with a full set of fruit maturing all together for early use. The fruit of Early Victor is of moderate size, semi-globe shape, rich scarlet color and is borne in large clusters. See illustration on Front Cover. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

Oxheart. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Little acid; quality fine. Some grow to an enormous size. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.50.

Ponderosa. The largest Tomato in existence. A beautiful deep pink, rather uneven at times in shape. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.50.

Pritchard or Scarlet Topper. Special Strain. An early variety, undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. Good for slicing or canning. The seed of this strain is superior to other strains. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.60.

Pritchard or Scarlet Topper. Usual Strain. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.80.

Rutgers. Special Strain. A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J. T. D.; it has the same characteristics as its parents in size, color, and shape, except that it is somewhat flatter at the stem end. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.60.

Rutgers. Usual Strain. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. \$2.15.

Stokesdale. Certified. A new extra-early scarlet-fruited sort with remarkably solid interior, ripening from the inside outward. Resembles Marglobe in size and shape but about 10 days earlier. Owing to its short season it is well adapted to the northern states. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. \$2.35.

Stone. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.60.

Forcing Tomatoes

Bides' Recruit. Medium size; bright red. Pkt. 15c.; ½oz. 35c.; oz. 60c.

Michigan State Forcing. Pkt. 25c.; ½oz. 50c.; oz. 85c.

Sutton's Perfection. Imported. Original pkt. \$1.25; 3 pkts. \$3.60.

Small-Fruited Tomatoes

Red Cherry	Red Pear	Yellow Pear
Red Peach	Red Plum	Yellow Plum

Pkt. 15c.; ½oz. 40c.; oz. 70c.

Strawberry or Husk. Pkt. 10c.; ½oz. 35c.; oz. 60c.

Tomato Plants (Pot-Grown)

Ready in April

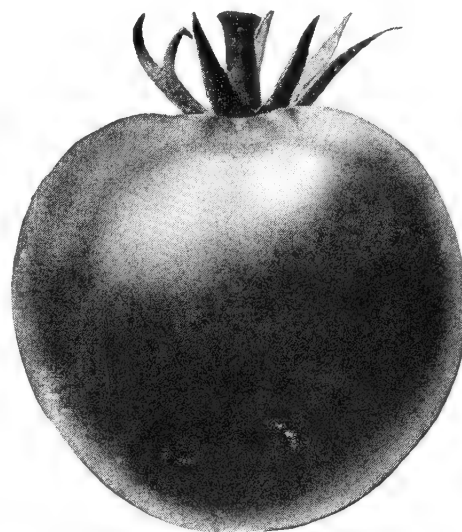
Doz. 75c.; 100, \$5.50. Not mailable.

TOBACCO

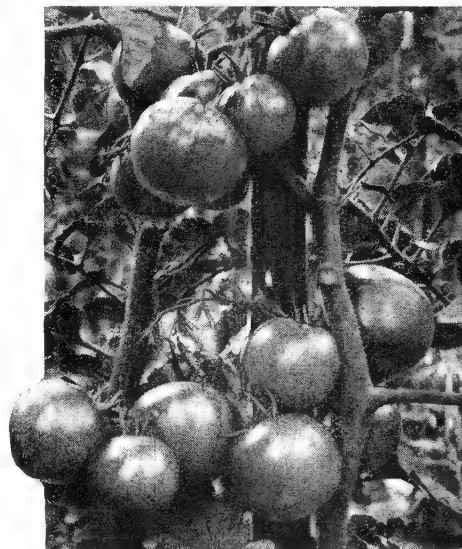
The flower is sweet-scented, while the leaves may be dried, cured, and made into smoking tobacco and cigars. Sow in a box indoors and set outdoors in May.

Connecticut Seed-Leaf. Produces large leaves, desirable for making cigars. Pkt. 10c.; ½oz. 30c.; oz. 50c.

Virginia Bright-Leaf. Does well in light soils. Suitable for pipe-smoking. Pkt. 10c.; ½oz. 25c.; oz. 45c.



Pritchard Special Strain Tomato



Marglobe Tomatoes



Earliana Tomato

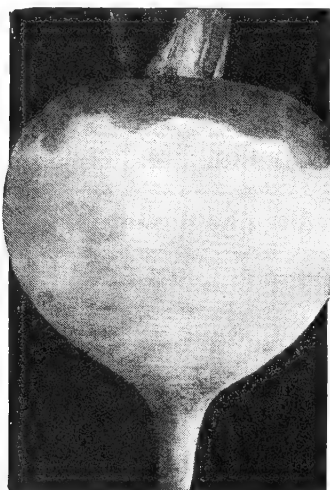
THYME

Herb used for sauces and dressings. Seed, pkt. 20c.; large pkt. 50c.; ¼oz. 90c.; ½oz. \$1.60.

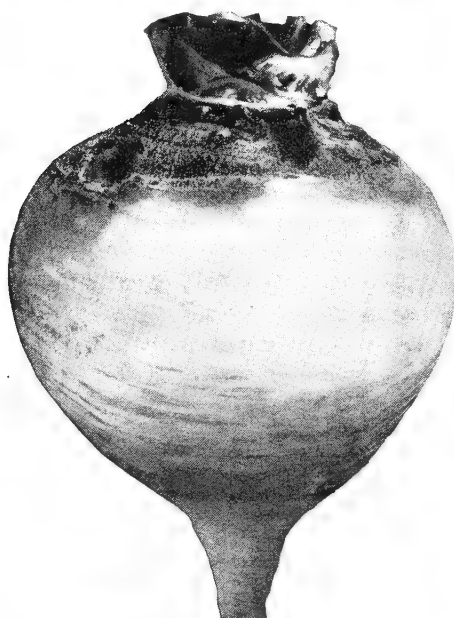
Thyme Plants

Pot-grown. Each 25c.; doz. \$2.50.

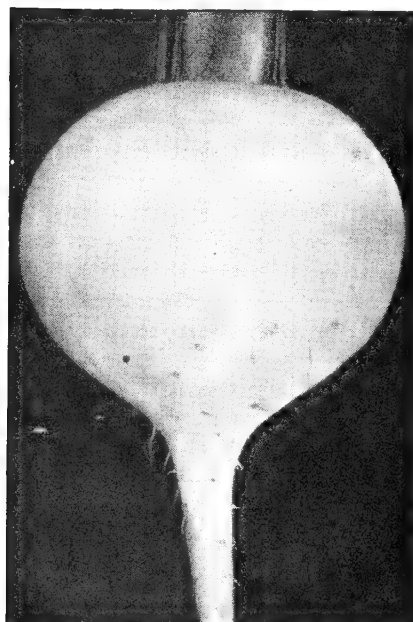
ALL PRICES SUBJECT TO MARKET CHANGES



Purple-Top White Globe Turnip



American Purple-Top Yellow Rutabaga



Snowball Turnip

MICHELL'S TURNIP AND RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

NOTE—ALL SEED OFFERED ON THIS PAGE MAILED FREE AT QUOTED PRICES

Turnip

Early Purple-Top Flat. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Early White Flat Dutch (Strap-Leaf). An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Japanese Foliage. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Purple-Top White Globe. Large root; skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Snowball. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Southern Seven-Top. Chiefly used for winter greens. Extensively sown in the South. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Yellow Globe or Amber. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Rutabaga

Rutabagas should be sown in drills about 2½ feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots with long stems.

American Purple-Top Yellow. Special Strain. At least 8 to 10 days earlier than our usual strain. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size and of a smoky green color. Seed can be sown much later than other strains and yet mature before freezing weather. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.35.

Purple-Top Yellow. Usual Strain. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.00.

SEEDS OF CULINARY AND MEDICINAL HERBS

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

For winter use, they should be cut just as they come into flower, tied in bunches, and hung in a light, airy place indoors, where they can be available any time.

	Pkt.	L. pkt.	¼oz.	½oz.		Pkt.	L. pkt.	¼oz.	½oz.
Anise.....	\$0 20	\$0 35	\$0 75		*Mint, Peppermint....	\$0 25	\$0 60		
Basil, Sweet.....	20	35	75	\$1 35	*Pennyroyal.....	20	35	\$0 75	
Borage.....	15			50	*Rosemary.....	25	50	75	\$1 30
Caraway.....	20	35	75		*Saffron.....	15	30		50
*Catnip.....	20	50	1 10		*Sage.....	20	35	75	
*Chamomile.....	20	35	75		*Savory, Summer....	20	35	75	1 25
*Chives.....	25	35	65		*Savory, Winter....	20	35	75	1 35
Coriander....	20	35	50		Sweet Marjoram....	20	50	90	1 60
Dill.....	15				*Thyme, Broad-leaved....	20	50	90	1 60
Fennel, Sweet.....	20	35	75						
Finocchio, or Florence									
Fennel.....	15								
*Lavender....	20	35	75						

*Varieties are hardy or perennial, while others must be sown each season.

COLLECTIONS OF HERBS

In order to meet the demand for a few of the most popular varieties in annual and perennial sorts, we offer the following collections:

Annuals

Anise
Caraway
Coriander
Summer Savory
Sweet Basil
Sweet Marjoram

One pkt. each of the above
6 varieties, \$1.00

Perennials

Chives
Mint
Rosemary
Sage
Thyme
Winter Savory

One pkt. each of the above
6 varieties, \$1.15

BOTH COLLECTIONS \$2.00

ALL PRICES SUBJECT TO MARKET CHANGES

Grow more sweet Herbs; they add zest to the plainest dish

VEGETABLE AND HERB PLANTS and ROOTS

Fresh supplies of this stock arrive daily during the season of planting.

Artichokes

Ready in April

Green Globe. Pot-grown plants, doz. \$2.00; 25 for \$4.00; 100, \$15.00 (by Express only).

Jerusalem. Used for table and stock-feeding. Lb. 20c.; 5 lbs. 90c.; 10 lbs. \$1.60; 25 lbs. \$3.50; 50 lbs. \$6.50.

Asparagus Roots

Ready about March 20 for spring planting; about October 15 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50 for \$1.00; 100, \$1.75; 1000, \$12.00.

Brussels Sprouts

Ready in July

Matchless Improved. Strong plants, 25 for 30c.; 100, \$1.00; 1000, \$7.50.

Cabbage Plants

Early Sorts. Coldframe plants, ready April 1, 100, \$1.00; 1000, \$7.50.

Late Sorts, Late Flat Dutch, Danish Ball-head and Red Dutch Drumhead varieties only. Ready July 1. 100, \$1.00; 1000, \$7.40.

Cauliflower Plants

Ready April 15

Snowball variety only. Pot-grown plants, doz. \$1.00; 100, \$7.00. *Not available.*

Celery Plants

Ready in July

White Plume, Giant Pascal, Winter Queen, and Golden Self-blanching. 100, 75c.; 1000, \$6.00.

Chives

Ready in April

Strong plants. Each 25c.; doz. \$2.50; 25, \$4.50.

Eggplants

Ready after May 15

New York Improved and Black Beauty. Pot-grown plants, doz. 75c.; 100, \$6.00. *Not available.*

Hop-Vine (Hardy)

This makes a valuable shade plant, grown on arbors, trellises, etc.

Strong pot-grown plants. Each 30c.; doz. \$3.00.

Horseradish Roots

Ready in March

Maliner Kren. Bohemian Horseradish. Large, strong cuttings. Doz. 35c.; 100, \$1.50; 1000, \$10.00.

Lavender

Ready in April

Pot-grown plants. Each 30c.; doz. \$3.00.

Lettuce Plants

Heading varieties, our selection only, 25 for 25c.; 100, 75c.; 1000, \$6.00.

Mint (Hardy)

Ready in April

Peppermint and Spearmint. Pot-grown plants. Each 25c.; doz. \$2.50.

Parsley Plants

Ready in April

Pot-grown plants, doz. \$1.00; 100, \$7.00. *Not available.*

Pepper Plants

Ready in May

Bull Nose and Ruby King varieties only. Pot-grown plants, doz. 75c.; 100, \$6.00. *Not available.*

Rhubarb Roots

Ready April 1 for spring planting; October 15 for fall planting

MacDonald's. Doz. \$3.00; 100, \$22.00.

Victoria. 3 for 50c.; doz. \$1.50; 100, \$10.00.

Rosemary (Perennial)

Ready in April

Pot-grown plants. Each 30c.; doz. \$3.00.

Sage (Hardy)

Ready in April

Holt's Mammoth. Pot-grown plants. Each 25c.; doz. \$2.50.

Sweet Potato Plants

Ready in June

Yellow and Red Nansemond. 100, 75c.; 1000, \$5.00. Not less than 100 plants of a variety can be furnished.

Tarragon

Ready in April

Hardy if given protection in winter. Pot-grown plants. Each 35c.; doz. \$3.50.

Thyme (Hardy)

Ready in April

English Broad-leaved. This is almost an indispensable herb. Pot-grown plants. Each 25c.; doz. \$2.50.

Tomato Plants

Ready after April 15

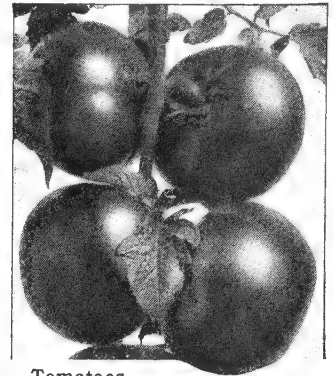
Early and Late Varieties. Pot-grown plants, doz. 75c.; 100, \$5.50. *Not available.*

SPECIAL NOTICE

We regret that it is not practicable to ship **Pot-grown Plants of Cauliflower, Pepper, Parsley, Eggplants and Tomatoes** via **Parcel Post**.

The foliage of these plants is very soft and tender and we have found, from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

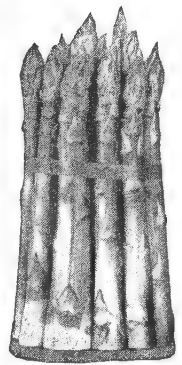
Nor can we ship any of the above-mentioned plants outside the beetle zone.



Tomatoes



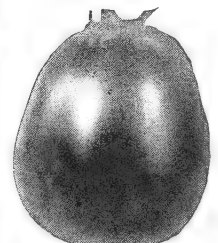
Pepper



Asparagus



Celery



Eggplant



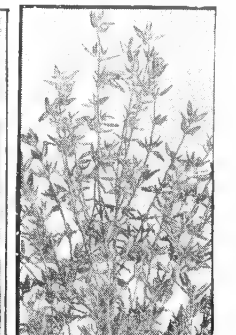
Peppermint



Lavender



Sage



Thyme

See page 1 for Parcel Post rates

Seed-disinfectants are cheap insurance for your garden

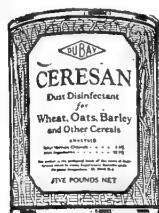
SEED-DISINFECTANTS

Control Seed-borne Diseases of Farm and Garden Crops; Stimulate Germination; Improve Stands; Generally Produce Increased Yields of Higher Quality

New Improved Ceresan A new low-cost grain-disinfectant

Effective in controlling burnt or stinking smut of wheat, covered smut and stripe of barley, and oat smuts. Frequently improves the stand and yield of grain per acre. Seed should be treated 24 hours before planting. One pound treats 32 bushels of wheat, oats, or barley.

4 ozs.	\$0 30	25 lbs.	\$15 00
1 lb.	80	100 lbs.	55 00
5 lbs.	3 40		



Ceresan (2 per cent)

Long a standard treatment for sorghums, millet, flax, peas, cotton, and narcissus. Easy to apply; economical to use. Two to three ounces treat one bushel of seed.

1 lb.	\$0 75	25 lbs.	\$14 50
5 lbs.	3 30	100 lbs.	52 00

New Improved Semesan Jr. For Seed Field and Sweet Corn

The New Improved Semesan Jr. formula protects the seed from rotting in the ground and makes possible earlier planting, which generally results in increased yields. Improves germination, controls certain diseases, and increases yields, at a cost of less than 3c. an acre.

1 1/2 ozs.	\$0 15	5 lbs.	\$3 00
1 lb.	75	25 lbs.	12 50
		100 lbs.	45 00

Nu-Green

For Brown-Patch Control on Lawns

Nu-Green contains the same valuable ingredients as Semesan but has the added property of quickly restoring the diseased grass to its normal, healthy condition where soil-fertility is not already suited to its rapid recovery. One pound treats 1000 to 2500 square feet.

3 ozs.	\$0 40	25 lbs.	\$31 25
1 lb.	1 60	100 lbs.	117 50
5 lbs.	6 85		



SMALL QUANTITIES OF ABOVE CAN BE SENT BY PARCEL POST

New Improved Semesan Bel For Seed White and Sweet Potatoes



Simply mix, dip, drain, dry, and your Seed Potatoes are ready for planting. May be used on either whole or cut seed-pieces; effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. By controlling these diseases, germination is generally increased, stand improved, and the resultant crop bigger and of better quality. One pound treats 60 to 80 bushels of seed.

2 ozs.	\$0 30	25 lbs.	\$33 25
1 lb.	1 65	100 lbs.	125 00
5 lbs.	7 15		

Semesan

For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c. to 1c. per pound of seed. One ounce treats 1 1/2 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis-courts, and lawns.



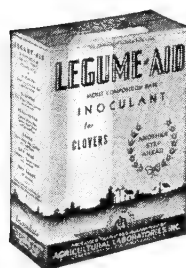
1/3 oz.	\$0 10	5 lbs.	\$11 40
2 ozs.	40	25 lbs.	52 50
1 lb.	2 50	100 lbs.	198 00

Special Semesan

A new low-cost grass-disinfectant for the prevention and control of brown patch. One pound treats 6000 square feet.

8-oz. can.	\$1 00	25 lbs.	\$36 00
5 lbs.	7 80	100 lbs.	135 00

DEPENDABLE INOCULATION



LEGUME-AID

Superior Multiple Strains—Money-Back Guarantee

Legume-Aid is living bacteria in a base of relative low-moisture content, which adheres to dry seed without the use of water. This feature increases the ease of application and minimizes the spread of any disease which may be on the seed. The minute black particles composing the base of Legume-Aid cling to the seed in a film and will not clog the seeder. A uniform discoloration indicates that all the seeds are properly inoculated.

Every package is dated and guaranteed for six months.

SPECIFY SIZE OF CARTON AND SEED TO BE INOCULATED

	Size	Inoculates	Price
Alfalfa and all Clovers	1/2 bus.	30 lbs.	\$0 30
	1 bus.	60 lbs.	50
	2 1/2 bus.	150 lbs.	1 00
Vetch; Aust. Winter Peas Field and Garden Peas	1 bus.	60 lbs.	30
	2 bus.	120 lbs.	50
	5 bus.	300 lbs.	1 00
Soy Beans Cowpeas Lespedeza Garden Beans Peanuts and Lima Beans	1 bus.	60 lbs.	30
	2 bus.	120 lbs.	50
	5 bus.	300 lbs.	1 00
	*50 bus.	1200 lbs.	5 00
	*Made only for Soy Beans.		

Garden Packet. Inoculates up to 5 pounds of Peas, Sweet Peas, Lima Beans, or Lupins. 10c. each.

CUPROCIDE

The Standard Red Cuprous Oxide for Seed Protection

Damping-off attacks seeds and seedlings of nearly every crop in practically every growing area. Cuprocide has proved highly effective in controlling this disease on seeds. It is a dusty, finely divided red powder especially designed to cover uniformly and adhere tenaciously to the seed, thus affording maximum protection. It is economical to use and easy to apply.

4 ozs.	\$0 35	5 lbs.	\$4 25
1 lb.	95	24 lbs.	14 00

CUPROCIDE, Yellow. Yellow copper-oxide 'spray. Has proved very effective in combating potato, tomato and celery blights. Yellow Cuprocide is a neutral spray which does not require lime, thus eliminating lime injury to plants. 3-lb. bag \$2.00.

FORMACIDE



A stabilized formaldehyde dust, triple-strength, seed- and soil-disinfectant, used as a control of damping-off. Easy to use, inexpensive and effective; stimulates the growth of plants.

1/2 lb.	\$0 50
1 lb.	85
5 lbs.	2 50
25 lbs.	10 00
50 lbs.	17 50
100 lbs.	30 00

ALL PRICES SUBJECT TO MARKET CHANGES

See pages 128 to 131 for complete list of Insecticides

MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

Iowa 939

Maturity 100-105 days

Approx. ten days earlier than Lancaster County Sure Crop. Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Excellent results reported from many Pennsylvania counties.

U. S. 13

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure Crop. A high-yielding variety, standability excellent. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage.

Early Leaming

Grain 90 days

A medium early variety adaptable to most any section. Yellow wedge-shaped grains, medium-sized ear.

Eight-Rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color.

Eureka Ensilage

Silage 115 days

While this variety will not mature ears in northern localities, it is considered as one of the best ensilage varieties. Grows very tall and leafy, giving heavy tonnage.

Our Eureka is of an extra heavy yielding strain and should not be confused with the ordinary type of this variety.

Price for any of the above varieties of Field Corn, 20c. per qt. (by Parcel Post, 30c.)

Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped and of good depth.

Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite among large dairymen because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow.

Reist's Sweepstakes

(Improved West Branch)

Silage 90 days—Grain 95 days

This variety of Sweepstakes is of our grower's own origination and so popular that we have never been able to fill the demand for it. A mixed color corn, some grains are yellow with touches of red, while others are red with pale caps. Large ear with wide grains. More tons per acre for the silo.

White Cap Yellow Dent

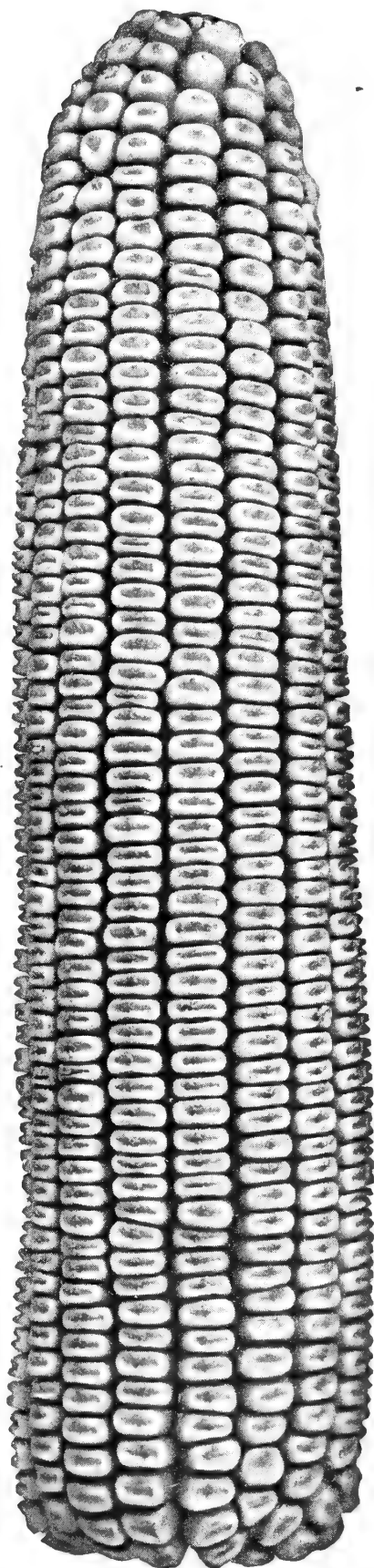
Silage 105 days—Grain 115 days

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. A good yielder of corn, which matures a bit earlier than most of the Dent varieties.

Reid's Yellow Dent

Silage 105 days—Grain 120 days

Often called Golden Yellow Dent and classed as a medium seasoned corn. Large broad heavy ears—an extra good sheller.



Dent Corn

SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Fodder is relished in either green or dry form by cattle. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about the first of September, when the pods will be well filled. Yields as high as 20 tons of green feed per acre. 60 pounds per bushel.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 15c.

Tokio. Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Qt. 15c.

Mammoth Yellow. Late. Qt. 15c.

Manchu. Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Qt. 15c.

BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry-feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast, 1½ to 2 bushels per acre, from April to July 1. 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 15c.

Stanley's Crow Repellent

Protects your crop against crows, pheasants, blackbirds, and other corn-pulling birds and animal pests. Also protects seed from rotting in the ground. Non-poisonous. ½pt. 60c.; pt. \$1.00; qt. \$1.75. One pint is sufficient for two bushels of Seed Corn.

Prices on Farm Seeds in larger quantities than listed will be quoted on application

MICHELL'S HIGH-GRADE FARM SEEDS

BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening, thus commanding the highest market prices. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 30c.

BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-feed. Buckwheat frequently yields as much as 80 bushels to the acre. 48 pounds per bushel. Qt. 15c.

RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel.

Alfalfa, Common (*Medicago sativa*). Non-irrigated Northwestern-grown seed. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop. Lb. 55c.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre. Lb. 60c.

Alsike or Swedish Clover (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. Lb. 40c.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. Lb. 25c.

Mammoth Red Clover (*Trifolium pratense perenne*). Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. Lb. 40c.

Medium Red Clover (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. Lb. 40c.

Lespedeza. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring, after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 20c.

Sweet or Bokhara Clover (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall. Lb. 25c.

White Dutch Clover (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 10c.; ¼ lb. 35c.; ½ lb. 65c.; lb. \$1.25; 5 lbs. \$5.75; 10 lbs. \$11.00; 25 lbs. \$25.50; 100 lbs. \$100.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 56.

Ladino Clover. Scarified seed, germinating better than 90 per cent. Sow 5 to 6 pounds per acre. Lb. \$1.50.

Wild White Clover. We offer the certified Kentish strain which in recent experiments has proved very valuable for pastures. This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. Its vigorous, spreading habit and compact method of growth binds the soil and affords protection to the roots of other grasses, thereby increasing the yield. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼ lb. 75c.; lb. \$2.50; 5 lbs. \$10.00; 10 lbs. \$17.50.

Yellow Trefoil (*Medicago lupulina*). Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish considerable pasture during the spring months. Lb. 35c.

CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 25c.

CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 15c.

COWPEAS

Cowpeas are one of the best, largest-yielding, and most nutritious of the farm crops. They provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed as late as possible. 60 pounds per bushel.

New Era. A small, upright-growing, very prolific variety of early maturity. Qt. 20c.

Whippoorwill. Medium early, upright-growing variety more extensively used than any other. Qt. 20c.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed which is used in the manufacture of linseed oil. When ground it makes an excellent tonic for horses, cattle, and poultry. If grown for seed, sow 1 bushel to the acre from May 15 to June 15. If desired for the fibre, sow 1½ to 2 bushels per acre. 56 pounds per bushel. Lb. 25c.

Prices on Clover and Farm Seeds in larger quantities than listed will be quoted upon application.



Cowpeas

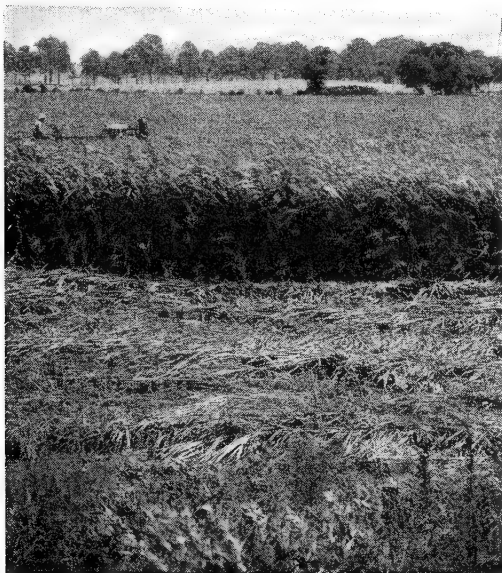


Clover

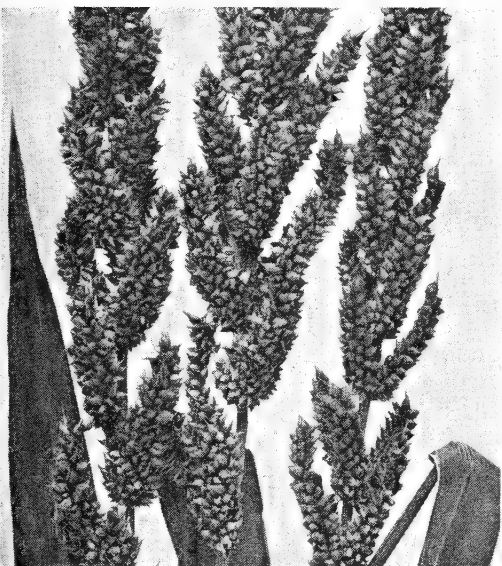


Soy Beans

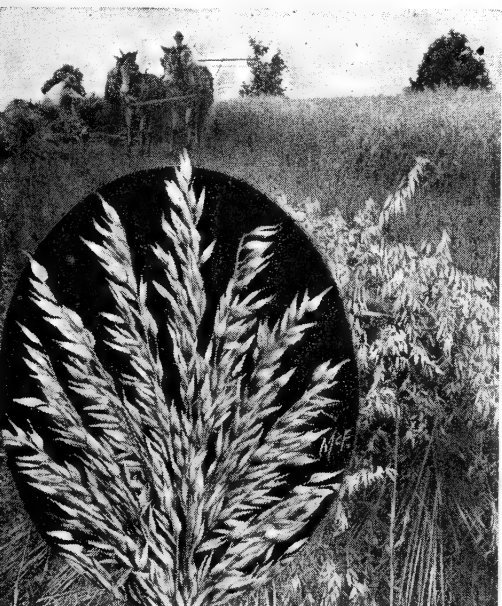
ALL PRICES SUBJECT TO MARKET CHANGES. See page 1 for parcel post rates



Sudan Grass



Millet, Barnyard



Oats

Michell's High-Grade Farm Seeds, continued

MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot apart in the row.

Golden Tankard. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$1.25.

Lane's Improved White Sugar. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; $\frac{1}{2}$ lb. \$1.25.

Mammoth Long Red. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.75.

See also page 40

MILLET

Can be sown as late as July 15 and yields a tremendous crop. Also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay that is not as fine in quality as Tennessee Golden and fully a foot less in height. It can, however, be sown some 2 weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 15c.

Barnyard. This wonderful variety yields more fodder, possibly, than any other forage plant. Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. 35 pounds per bushel. Lb. 15c.

Tennessee Golden. This requires a longer season to mature than the other sorts. It produces a very fine quality of hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 15c.

SEED OATS

We make a specialty of these, having them grown especially on contract for us. They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of $2\frac{1}{2}$ to 3 bushels per acre alone or $1\frac{1}{2}$ bushels with peas during April for best results. 32 pounds per bushel.

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 15c.

Treat your Seed Oats with Ceresan to control oat smut and increase yield.

See page 56

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 50c. each; returnable at price charged if in good condition and prepaid.

ALL PRICES SUBJECT TO
MARKET CHANGES

See page 1 for parcel post rates

RYE (For Seeding)

Spring. An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, while the straw is of very fine quality, making a larger yield than Winter Rye. Sow from May 1 to June 1, $1\frac{1}{2}$ bushels to the acre. 56 pounds per bushel. Qt. 20c.

Rosen Winter. Winter Rye will not mature if sown in spring. Qt. 15c.

SUGAR-CANE · SORGHUM

Early Amber. Either green or in a cured state this makes ideal cattle-feed. The seed can be threshed out of the stalks and used as poultry-feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills $3\frac{1}{2}$ feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 25c.

SUNFLOWER

Mammoth Russian. This makes an excellent poultry-feed, especially for winter use, on account of its heating and fattening qualities. Will yield sometimes as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 25c.; 3 lbs. 65c.; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.75.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 40 pounds per bushel. Lb. 20c.

TIMOTHY

Our stock of this important hay-producing seed is especially fine, being thoroughly re-cleaned, and free from weeds. If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. Lb. 25c.; 10 lbs. \$2.00.

VETCHES · TARES

Inoculate with Legume-Aid

Winter (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 30c.

Spring (*Vicia sativa*). The seed of this is larger than Winter Vetch and of a brownish gray color. It is not hardy and must therefore be sown in the spring, during May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats, for support. Has the same desirable features as the Winter Vetch. 60 pounds per bushel. Lb. 25c.

SPRING WHEAT

Marquis. A favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May, $1\frac{1}{2}$ to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 20c.

Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

CULTURAL DIRECTIONS. All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their side instead of upright. Cover with leaves or litter during winter.

Miscellaneous Lilies

Canadense. Canadian Bellflower Lily. Each Doz. 100
Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July.....\$0 35 \$3 50 \$25 00

Canadense rubrum. Same type as above.
Crimson with black spots. 3 to 4 ft. Aug.. 35 3 50 25 00

★ **Elegans, Mixed.** Shades of orange. 2 ft.
June, July 30 3 00 22 50

Pardalinum. Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep.. 25 2 50 18 00

Superbum. Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. Aug.... 35 3 50 25 00

★ **Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June..... 20 2 25 15 00

★ **Umbellatum.** Orange-scarlet. 2 ft. June. 35 3 50 25 00

The varieties marked ★ are excellent for the rockery

Regal Lily • Lilium regale

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

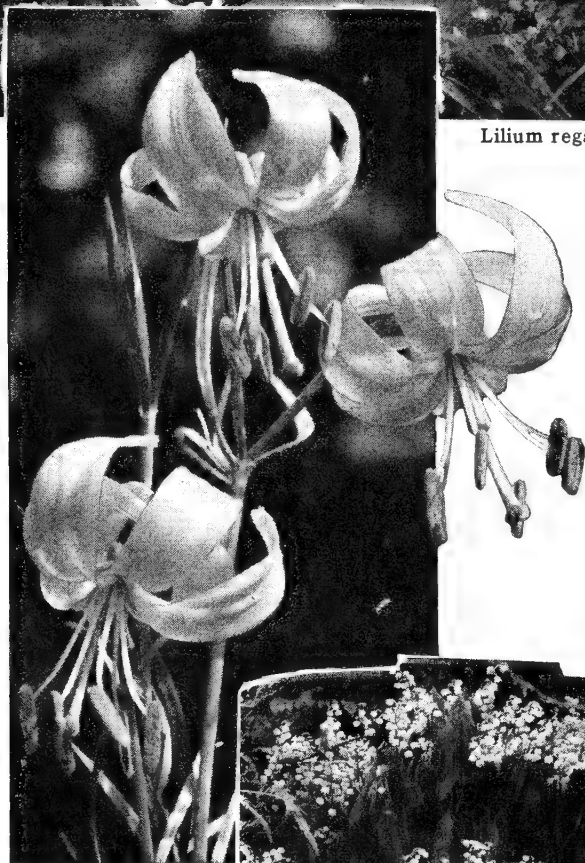
	Each	Doz.	100
Jumbo bulbs.....	\$0 85	\$9 00	\$65 00
Selected bulbs.....	30	3 25	22 50

Lily-of-the-Valley Pips

Bundles. For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundle of 25 pips 75c.; doz. bundles \$8.00.



Lilium regale



Lilium tenuifolium



→ Lily-of-the-Valley

Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color, and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

Michell's Special Gladiolus

FLAMING SWORD. A very early variety of bright scarlet-red. Tall, very straight stems. A splendid cutting variety.....	Doz.	100
	\$0 50	\$3 50
GOLDEN DREAM. This is a Primulinus Hybrid having intense daffodil-yellow flowers with delicate pink markings on the lower petals of each flower. Its beautifully ruffled petals have brought it many awards...	60	4 00
MAID OF ORLEANS. Large, well-formed spikes of creamy white. Considered to be one of the best of all whites. Very popular.....	90	6 00
MINUET. This beautiful variety has 4 to 6 large, heavy blooms of light lavender open at one time. It has been a showroom sensation for several seasons...	75	5 00
PELEGRINA. An unusual Gladiolus with splendid florets of deep indigo or violet-blue. We like its all-round good habits. You will want a large planting for the blue section.....	75	5 00
PICARDY. This great flower is loved by everyone everywhere. It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals.....	75	5 00

SPECIAL COLLECTION

12 each of above 6 varieties (72 bulbs).....	\$3 75
6 each of above 6 varieties (36 bulbs).....	2 00
3 each of above 6 varieties (18 bulbs).....	1 00

Pink Shades

Bagdad. Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large, wide-open flowers on strong, tall stems. Highly recommended...	Doz.	100
	\$0 60	\$4 00
Betty Nuthall. One of the finest varieties of recent introduction. Flowers a soft tone of light salmon-pink with pale orange throat.....	50	3 50
Break of Day. La-France-pink penciled on scarlet. A delicate color which is sure to command attention.	60	4 00
Debonair. La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Tall, strong, straight spikes with many large flowers open at a time.	60	4 00
E. J. Shaylor. A tall, strong-growing variety with large flowers of a beautiful shade of pure deep rose-pink with well-ruffled edges.....	60	4 00
Giant Nymph. Large, light pink flowers, suffused with cream-yellow, on strong spikes.....	50	3 50
Los Angeles. Flowers a soft shade of pink, feathered cerise at throat; tall and graceful. Blooms for a long period, producing 2 or 3 flowering spikes.....	60	4 00
Mr. W. H. Phipps. La-France-pink, overlaid light rose-salmon. One of the finest exhibition varieties...	60	4 00
Mrs. Frederick C. Peters. One of the best of the recent introductions. Beautiful shade of rose-lilac, with soft crimson blotch.....	60	4 00
Mrs. Frank Pendleton. Flowers very large, lovely flushed salmon-pink, carmine blotches in throat. Blooms are wide open on very wiry stems.....	50	3 50
Mrs. Leon Douglas. Enormous flowers of begonia-rose, striped with flame-scarlet, lower petal lemon, speckled ruby.....	50	3 50

We shall be pleased to supply any varieties of Gladiolus not listed. Send us a list of your requirements.

Plant Gladiolus in groups of six or more for picturesque splashes of color in your garden.

MICHELL'S GORGEOUS GLADIOLUS, continued

Pink Shades, continued

Mrs. P. W. Sisson. Large, cameo-pink flowers with carmine blotch well placed, many open at a time. Gorgeous variety and an excellent keeper when cut.	Doz.	100	
	\$0 60	\$4 00	
Peggy Lou. A very large flower of soft light rose. Tall stems with many florets open at once. An outstanding variety.	1 50	10 00	
Picardy. See description, page 61.	75	5 00	
Rosa van Lima. A pure clear pink with no shade of salmon as most pink Glads have. The flowers are large with many open and well placed on tall stems. A very fine variety which we recommend.	1 50	10 00	
The Orchid. A new type, with long petals; color orchid over white, with rose-lilac markings in throat.	90	6 00	

Blue, Lilac and Purple Shades

Anna Eberius. An extra-fine variety. Color rich velvety purple, with a deep purplish red blotch on the lower petals. Flowers large, on long spikes.	Doz.	100	
	\$0 60	\$4 00	
Ave Maria. Glowing lilac-blue, each flower marked with a small purple blotch. Seven to eight open flowers at one time.	90	6 00	
Berty Snow. Large, pinkish lavender flowers well placed on a long spike.	60	4 00	
Charles Dickens. An attractive, tall, vigorous grower. Large violet-red blooms, with darker blotches; 10 to 12 flowers open at one time.	60	4 00	
Max Reger. Light lavender-blue with darker throat-markings, ending in sharp, white points, giving it a resemblance to a blue butterfly. Very graceful and attractive.	1 00	7 00	
Minuet. This variety has created a sensation in the showrooms for several seasons. Light lavender with 4 to 6 large, heavy blooms open at one time.	75	5 00	
Mother Machree. A leader in its class. Color a smoky lavender overlaid toward the edge with salmon-pink. An odd but pretty variety that is always popular.	90	6 00	
Pelegrina. A deep indigo or violet-blue Gladiolus that is in a class by itself. It has a most unusual flower and especially good all-round habits for a blue.	75	5 00	
Ruth Huntington. Large, violet-lilac, ruffled blooms with deeper markings on lower petals. It is a strong grower with well-formed spikes, and is a general favorite.	75	5 00	

Yellow Shades

Duna. Soft light pinky buff, shading to pale yellow toward the center; back of petals a brighter shade. A beautiful clear distinctive shade that is fine for florists' use. Very popular.	Doz.	100	
	\$0 60	\$4 00	
Gate of Heaven. Pure deep yellow; flowers large, heavily ruffled and well placed on stiff, long stems. An excellent variety.	75	5 00	
Golden Dream. See description, page 61.	60	4 00	
La Paloma. (Primulinus.) Large, brilliant orange flowers. Vigorous grower.	60	4 00	
Primrose Princess. Large; light yellow, carmine markings. One of the most popular varieties.	60	4 00	
Shirley Temple. Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. A seedling of Picardy. Tall, vigorous grower with flowers of good texture and substance. The aristocrat of Gladiolus today.	90	6 00	

White Shades

Albania. One of the finest pure whites. Flowers large. Free bloomer.	Doz.	100	
	\$0 60	\$4 00	
Albatross. Immense, pure white blooms of unusual substance. One of the finest varieties.	75	5 00	
Helen Wills. A large creamy white flower resembling Maid of Orleans. Blooms are of good substance and form on a firm stem. An excellent variety.	60	4 00	
Maid of Orleans. Best described as creamy white, the spikes are large and well formed.	90	6 00	
Mary Pickford. Delicate creamy white, throat finest sulphur-yellow. Very distinct and beautiful.	50	3 50	
Peace. Enormous, pure white flowers with lilac feather on the lower petal. Plant robust.	50	3 50	
Polar Ice. Pure white without markings. Early flowering, with 6 to 8 well-placed blooms open at one time.	90	6 00	

White Shades, continued

Star of Bethlehem. Immense pure white blooms. A lovely flower with a large number of florets of good substance open at one time. One of the best whites.	Doz.	100	
	\$0 90	\$6 00	

Red and Scarlet Shades

Beacon. Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. A distinct variety.	Doz.	100	
	\$1 25	\$9 00	
Commander Koehl. A new introduction from Europe and one of the finest red varieties. Flowers large, on tall stems, brilliant scarlet-blood-red. Grows well under all weather conditions.	75	5 00	
Dr. F. E. Bennett. Peach-red, overlaid flame color, throat finely stippled ruby and white.	75	5 00	
Dream of Beauty. A rosy purplish red (deep wine color) of great beauty. Tall, sturdy stems with as many as 10 to 12 large flowers open at one time.	75	5 00	
Flaming Sword. Very early. Bright scarlet-red. A very good forcer.	50	3 50	
Red Phipps. A late midseason variety of unusual shade of light red. Growth is medium tall and produces long spikes of large florets. Makes a spectacular showing in the garden, and is a popular florists variety.	75	5 00	
Virginia (Scarlet Princeps). Intense scarlet, slightly deeper in throat. Extra fine. Early and much in demand.	50	3 50	

Mixtures of Gladiolus

Michell's Giant Exhibition. Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers. No other mixture can boast of such careful selection.	Doz.	100	1000
First-size bulbs.	\$0 50	\$3 25	\$27 50
Second-size bulbs.	40	2 25	20 00

When cutting Gladiolus for the house, they should be cut as soon as the first one or two lower flowers are open; the remainder will open. Remove the flowers as they fade, cut off a little of the stem, and change the water every day to prolong the blooming period.



Collection of Gladiolus

Michell's Meritorious Dahlias

Time of Shipment. Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

Culture. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with well-rotted stable manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

How to Keep Dahlia Tubers After They Are Shipped to You if Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisten too much; keep in a cool place, but not where they will freeze.

New and Recent Introductions

ID., Informal Decorative; FD., Formal Decorative; MC., Miniature Cactus; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MSC., Miniature Semi-Cactus; MP., Miniature Pompon; SC., Semi-Cactus; S., Single; C., Cactus; IC., Incurred Cactus; Col., Collarette; O-Fl., Orchid-flowered.

BLUE RIVER. FD. A very large flower of bluish mauve. Strong stem and healthy bush. A distinctive color and a popular variety. Roots, 50c.

CAVALCADE. FD. In form and bush-growth it is similar to Jersey's Beauty but larger and several shades darker—rich deep rose with tones of rosy magenta. Excellent for florists' use and a good root-maker. Roots, 35c.

CITY OF CLEVELAND. ID. Strong, healthy grower producing large, uniform, well-formed blooms throughout the season. Bright orange suffused scarlet. Very rich and attractive in appearance. Roots, 35c.

DARK LUSTRE. (Dahliadel.) Col. A rich velvety garnet-red Collarette with a white collar—a masterpiece of color by nature, the great artist. The enthusiasm of our visitors made us appreciate this Dahlia more. Roots, \$2.00. Plants, 75c.

DE MOLAY. (Dahliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture and responds favorably to good culture. Easy to grow and sure to please. Roots, \$5.00. Plants, \$2.00.

GALLANT FOX. An outstanding luminous dark red. Sturdy stem, fine color, and good keeping qualities. Roots, 35c.

GUIDING STAR. (Dahliadel.) O-Fl. A large lemon-yellow Orchid-flowering Dahlia, with slight reddish tinges on reverse. Blooms spangle the plant from early in the season to frost. Always uniform—always good. Roots, \$2.00. Plants, 75c.

KENTUCKY SPORTSMAN. Bicolor of lemon-yellow at center, outer petals rich golden amber with old-rose reverse, each petal evenly tipped pure white. Blooms of good form. Roots, 75c.

KING DAVID. (Corbett-Dahliadel.) A stunning 9 by 5-inch formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Is of good substance, regular in form, and unusually early. Grows about 4½ feet with plenty of stem for cutting. Roots, \$10.00. Plants, \$3.50.

MAFFIE. (Exnar-Johnson.) SC. Bush 6 ft. As shown this year, this variety is apparently one of the largest Dahlias grown, with blooms 13 by 8 inches. Its lively carmine flowers were head and shoulders above the rest in a big seedling class at Camden. Winner, Achievement Medal, also best and largest bloom at three shows. Roots, \$4.00. Plants, \$1.50.

MARIETTA. IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. An Achievement Medal Winner at the Pennsylvania Horticultural Society Show in 1938, besides many other prizes. Roots, \$1.00. Plants, 50c.

MARYLAND PERFECTION. FD. Uniform clear light violet-purple. Stem strong, erect and long. Excellent foliage. Petals firm. A profuse bloomer. Fine Dahlia of good keeping qualities when cut. Originator's stock. Size when disbudded is 6 inches; depth 4 inches. Roots, \$1.50.

MOZART. (Dahliadel.) The long-looked-for true Ball Dahlia in white. Sturdy growth; strong, erect stems. Holds good centers until frost. A real acquisition to the Ball group. Grows naturally 4½ by 3 inches on bushes about 3½ feet tall. Plenty of blooms from the beginning of the season until frost. Roots, \$5.00. Plants, \$2.00.



MARYLAND PERFECTION



MICHELL'S MERITORIOUS DAHLIAS, continued

NEW AND RECENT INTRODUCTIONS, continued

PEACH DAWN. (Dudley-Dahliadel.) A unique form and most pleasing Semi-Cactus of rosy flesh suffused soft rose, giving the effect of soft salmon-pink. Flowers of useful size 8 by 5 inches on strong stems. Centers are always full and complete. Roots, \$10.00. Plants, \$3.50.

PINK ELEPHANT. (Giffin-Dahliadel.) ID. For both size and color this beautiful deep rose-pink Informal Decorative hits the mark. Brighter than Kathleen Norris, and blooms grow 12 by 7 inches in field culture, and plenty of them. A compact grower that is sure to please. Roots, \$10.00. Plants, \$3.50.

PINK PROFUSION. (Cordes-Dahliadel.) FD. Since Jersey's Beauty we have been looking for a pink for cutting that would be different and yet have all Beauty's good qualities, but branch more readily and produce more flowers. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage makes it very popular. Roots, \$10.00. Plants, \$3.50.

RED EYE. (Dahliadel.) MP. An orange-scarlet miniature Peony. Dark foliage—striking in the garden—a dwarf bush for landscaping and border effects. Although flowers are diminutive they give a mass of color and are gems for arrangement use. Roots, \$2.00. Plants, 75c.

SATURN. (Dahliadel.) CoI. Pleasing clear yellow Collarette with a real yellow collar. Beautiful for arrangements. Received acclaim wherever exhibited. Strong erect stems—perfect form—good keeper—sturdy grower. Roots, \$2.00. Plants, 75c.

SNOWCREST. (Alexander-Dahliadel.) IC. A medium-sized white Incurved Cactus. Winner of the Leonard Barron Memorial Trophy at the World's Fair as best undissected Dahlia under 8 inches, American Home Achievement Medal D. S. of N. J. Long, erect stems. Rugged open foliage. Roots, \$4.00. Plants, \$1.50.

VIRGINIA SHIPLEY. FD. This large variety has been a consistent prize-winner and a close runner-up for the Achievement Medal in both New York and Camden. Excellent stems and a good, rugged grower. Deep lemon-yellow with a golden hue which is so different from other yellows. Roots, \$2.00. Plants, 75c.

WINTER MORN. (Dahliadel.) C. A new white sport of Frau Ida Mansfield, 7½ by 4 inches, with the same good qualities as its parent, and plenty of vitality. An unusual keeper for a Cactus Dahlia. A deep flower most appealing in form. Won a first in the Seedling Cactus Class at Washington, D. C. Roots, \$7.50. Plants, \$2.50.

NEW DWARF DAHLIAS FOR THE GARDEN

This new race of Dahlias has created quite a sensation. They are wonderfully apt subjects for garden planting, forming dwarf, compact plants which bloom throughout the summer until frost. The flowers are seldom over 4 inches in diameter and are produced in great profusion. We offer green plants of these, ready in May, from 3-inch pots. These will make good plants for garden use.

ELSIE. Deep golden yellow at center, passing to rich orange-carmine toward the tips of the petals. The flowers are of good size and of excellent Semi-Cactus form.

FRED SPRINGER. Larger blooms and taller than the other dwarf varieties but a rich scarlet in color with bright green fern-like foliage which is very effective in mass plantings.

GERDA. Very double, 5 to 6-inch, lilac-rose flowers are freely produced throughout the summer and fall on vigorous, healthy plants. This variety is particularly commendable because of its superior vitality.

GERTRUDE. Compact plants bearing a great profusion of clear sulphur-yellow, very compact flowers of good size.

KATE. Showy bright scarlet flowers of formal contour. A charming variety. Compact, well-rounded plants.

MARIA (Improved Easter Greeting). The original variety of this new type introduced for greenhouse forcing to bloom at Easter. White flowers somewhat larger and of better form than Christine, but not as early.

ROSALIE. Lilac-rose blooms, shading lighter towards center. Plants only. Ready after May 1.

URSULA. Intense crimson Informal Decorative of an intense rich crimson with carmine reverse. Flowers comparatively large.

Any of the above, Roots, each 50c.; 3 for \$1.35; doz. \$5.00

Decorative Types

D., Decorative; ID., Informal Decorative;
FD., Formal Decorative

Adirondack Sunset. ID. Scarlet-red with golden tips and reverse; center golden orange. Very attractive. Good growing habit. Roots, each 50c.

Altamont. ID. Rose-pink blooms, deepening toward center. Strong stems. Fine cut-flower. Roots, each 35c.

America's Sweetheart. ID. One of the sensations of the exhibitions during the past season in the "largest-of-all classes." Often attains a size of 1 foot across. Color pure yellow without any shadings. Roots, each 75c.

Asbury Park. FD. Massive blooms on stiff stems, well above foliage; copper-salmon or old-rose, or one entire shade throughout the flower. Roots, each 50c.

Blue River. FD. A very large flower of bluish mauve. Strong stem and healthy bush. Roots, each 50c.

Bonny Bright. FD. This beautiful new Dahlia is a lovely old-rose color, held on excellent stems. The bushes average 3 feet in height and produce an abundance of blooms. One of the first to bloom and continues until frost, with perfectly formed, full-centered flowers. Roots, each 50c.

California Idol. ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across, with a corresponding depth, and yet is an extremely refined flower in every sense. This variety has proved to be all that was anticipated when grown in the open field. Roots, each 50c.

Cameo. ID. True coral-pink, deepening toward center; petals overlaid with glistening golden sheen, reverse deep rose-pink. Fine exhibition flower. Roots, each 35c.

Chautauqua Salute. ID. Very attractive shade of pure white. Free flowering and strong stems. Roots, each 50c.

Cherokee Brave. ID. Ox-blood-red that holds its color in the sun. A large exhibition variety that bids fair to become the brightest red. Blooms of great depth and measure 10 to 13 inches across on long, straight stems. Roots, each \$1.50.

Clara Barton. ID. An immense bloom which faces slightly upward on long, straight stems. Petals silvery orchid, with reverse of deep lavender. Roots, each 35c.

Dahliadel Gold. FD. A variety for the largest-bloom class. Pleasing golden yellow, shading darker at center, with a light coral-red suffusion. Strong-growing bush with dark green, spreading foliage. Grows extremely large naturally. Roots, each 50c.

Dorothy Stone. ID. Huge, true deep pink blooms with very full center and thick petals evenly placed. Profuse bloomer. Roots, each 35c.

Dr. H. Wesley Jack. FD. A fine variety, producing on long, stiff stems, attractive, large creamy white flowers, tinted pink on outer edges of petals. Roots, each 35c.

Dwight W. Morrow. ID. Rich deep carmine-red. A giant exhibition variety that is destined to lead its class. Roots, each 75c.

Eastern Star. FD. Saffron-yellow blooms, with old-gold shadings, good keeping quality, full centers, held on strong, erect stems. Roots, each 35c.

Elkridge. ID. Well-formed white flowers. Very graceful. Roots, each 50c.

Forest Fire. ID. One of the most spectacular Dahlias introduced in years. Flowers of an unusually artistic form, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petaloids. Bush is sturdy and strong, with leathery, insect-resistant foliage. Roots, each 50c.

Fort Monmouth. ID. Giant, well-formed flowers of rich crimson-maroon, shading to bluish violet at tips. Free bloomer. Excellent keeper. Roots, each 50c.

Fort Washington. FD. A very fine dark red. Roots, each 35c.

Golden Bounty. FD. One of the most talked-of varieties in the Trial-Grounds this season. An outstanding Formal Decorative variety of a rich lemon-yellow. Blooms are so deep and complete they are almost identical in effect with huge yellow chrysanthemums. Roots, each \$2.00.

Good Night. ID. Blood-red, shaded maroon. Good size and form. Roots, each 50c.

Great Eastern. ID. A large flower of orange and reddish bronze—a beautiful combination of autumn shades. Dark foliage. Sturdy bush; good stems. Roots, each 50c.

Harvest Moon. FD. Golden yellow with pale green tinge when first opening. A prolific bloomer and long-lasting when cut. Good strong stems. Roots, each 50c.

Hunt's Velvet Wonder. ID. Deep rosy magenta, blending to true purple. Large, broad-petaled blooms, full centers, and of great depth. Winner of American Home Achievement Medal in New York. Roots, each 50c.

MICHELL'S MERITORIOUS DAHLIAS, continued

DECORATIVE TYPES, continued

- Indiana Moon.** ID. Orange, carmine suffusion. Large-flowering type and a free bloomer. Roots, each 35c.
- Jane Cowl.** ID. Massive blooms of bronzy buff and old-gold, blending darker. Stems unusually strong. Roots, each 35c.
- Jean Kerr.** FD. A fine white Dahlia of medium size. Fine for bedding and cutting. Roots, each 25c.
- Jersey's Beacon.** FD. Bright scarlet, with buff reflex, giving a two-toned effect. Free bloomer. Roots, each 35c.
- Jersey's Beauty.** FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, each 35c.
- Jimmie Foxx.** ID. Immense exhibition blooms of coppery red, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Winner of many prizes at the leading eastern shows. Roots, each 75c.
- Kathleen Norris.** ID. True rose-pink, deepening to mallow-pink, tight center. Good bloomer; excellent keeper. Roots, each 50c.
- Kemp's Violet Wonder.** ID. Large, well-formed, bright violet-purple flowers. Roots, each 35c.
- Kentucky.** ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, each 35c.
- Kentucky Red.** FD. One of the brightest reds—a flaming scarlet that will stand considerable sunshine without fading. Roots, each 35c.
- Lord of Autumn.** ID. Flowers rich, deep golden yellow, with formation as wonderful as the size. A marvelous grower with stems strong and erect. Roots, each 75c.
- Maryland Glory.** FD. Perfect blooms of Tyrian rose, shaded crimson-carmine, are borne in profusion on good stems. Blooms from early to late. Roots, each 35c.
- Meadowbrook.** FD. Imposing, regular blooms of lilac, veined rosy magenta. An exceptionally strong and rugged grower, with heavy foliage and very long, erect stems. Roots, each 35c.
- Mid West Champion.** FD. Bloom 10 by 6 inches, brilliant violet-rose with yellow shadings at base of petals. Plant growth and stems are ideal with heavy, insect-resisting foliage. Grows 4 feet high. Roots, each 50c.
- Milton J. Cross.** ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Winner of five medals in 1935, including three Achievement Medals. Roots, each 50c.
- Miriam Hopkins.** ID. One of the giant varieties of the year. A seedling of Amelia Earhart. Color shades to a copper-orange instead of apricot to salmon as in the parent. Tall grower, with long stems that hold the flowers at right angles. Roots, each 50c.
- Monarch of the East.** FD. A giant Dahlia, 11 by 5 inches, which is a strong contestant for the largest bloom class. Color is a light, rich cadmium-yellow, with a reverse of red. The 5-foot bush is exceptionally sturdy. Roots, each 75c.
- Mother Maytrott.** ID. A fitting name for such an outstanding and artistic white Informal Decorative variety. Good grower, with healthy, dark green foliage and strong, erect stems. A profuse bloomer. Flowers 10 to 11 inches across and 6 to 7 inches deep; hold perfect centers throughout the season. Won the American Home Achievement Medal and the Best Bloom in the Show at Washington, D. C. Roots, each \$1.50. Plants, 50c.
- Mrs. George LeBoutellier.** ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, each 50c.
- Mrs. I. de Ver Warner.** FD. Mauve-pink. Early and free bloomer. Roots, each 25c.
- Mrs. John W. Stockwell.** ID. The large, full flowers have slightly curled petals, giving them a graceful and refined appearance; color, amaranth-pink, shading to rose-pink at base. The blooms average 9 inches, with always a full center. A fine, healthy open bush, 6 to 7 feet high. Stems long and straight. Roots, each 75c.
- Murphy's Masterpiece.** ID. Immense, dark red blooms, held erect on good stems. A stocky grower and good bloomer. Roots, each 75c.
- Oakleigh Monarch.** FD. An unusual shade of blood-red and free flowering. Roots, each 50c.
- Omar Khayyam.** FD. A sensational variety of unusual coloring—Chinese red at base of petals, shading to bright orange and tipped lighter—making a wonderful soft color-effect. Tall, healthy grower. Roots, each 35c.
- Opal.** ID. One of the most beautiful Dahlias in soft pastel shades that we have ever seen. Colors soft salmon-rose with lighter shades, center light yellow; heavy, wavy, curling petals. Long, strong stems and dark foliage. Roots, each 50c.
- Palo Alto.** ID. Large blooms of a salmon and gold color. Long, sturdy stem. Roots, each 50c.

- Pride of Austinburg.** ID. The unusual thing about this Dahlia is its color which is a soft apricot shading violet-rose, with a reverse shading of light purple; measures 10 by 4 inches. Blooms early on strong stems, centers full. Height, 4½ ft. Roots, each 50c.
- Prince of Persia.** ID. Very dark red, with velvety markings; immense blooms, very deep, often a foot across. Roots, each 35c.
- Queen of the Garden Beautiful.** FD. Immense primrose-yellow blooms, facing upward on strong stems. Free bloomer. A favorite variety. Roots, each 35c.
- Red Salute.** Heavy petals and leathery foliage, as well as the height cardinal-red color, place this variety in good standing as a red Formal. Blooms are 9 by 6 inches. Stands as much adverse growing conditions as any Dahlia we know. An early and continuous bloomer; grows 5 feet high. Roots, each 50c.
- Robert L. Ripley.** ID. One of the largest varieties grown. Color soft rhodamine-purple with deep rose-pink suffusion throughout. Stems straight and strong. Roots, each \$1.50. Plants, 50c.
- Sanhican's Bluebird.** ID. A pleasing near-to-blue Informal Decorative type, with outer petals of bright violet-blue, center petals violet. An attractive flower on wiry stems. Roots, each 35c.
- Sultan of Hillcrest.** FD. Extra-large blooms on straight, stiff stems; soft autumn color, with yellow reverse. One of the finest varieties grown. Roots, each 50c.
- Sunrays.** ID. A Dahlia that is quite spectacular on the show table. Color, clear buff with apricot suffusion, with a rather distinct peach-red on reverse of petals. This variety has won several prizes. Roots, each \$1.50. Plants, 50c.
- Television.** ID. Giant flowers of a light bronze suffused with carmine. Large, broad petals with high centers. Good bush and stems. Roots, each \$1.00.
- The Commodore.** ID. One of the largest and most spectacular yellow Dahlias, many of the blooms attaining 1 foot across and of good depth; color a brilliant lemon-yellow; petals long and broad. Exceedingly free bloomer. Roots, each 35c.
- The World.** FD. Rich, deep rosy magenta, overlaid garnet, with silver shadings on edges. Roots, each 35c.
- Thomas A. Edison.** FD. Royal purple exhibition variety, named by permission of the famous electrical wizard. Roots, each 50c.
- Treasure Island.** FD. Bright apricot, with gold and rose suffusion and shadings; flowers measure 10 inches across. Roots, each 50c.
- White Wonder.** ID. Giant pure white blooms with long-pointed, twisted and curled petals. Strong, vigorous, bushy growth. Roots, each 35c.

MICHELL'S DAHLIA COLLECTIONS

Furnished in strong roots

Buy your Dahlias from specialists. It has been our privilege to bring before the public new introductions which have been well received. To stimulate larger plantings, we offer the following Collections as an inducement for you to obtain an assortment of meritorious varieties at a very reasonable price. When ordering these Collections, please stipulate name and number and when delivery is desired.

No. 1. Superb Collection, \$5.00

Marietta. Canary-yellow.....	\$1 00
Maryland Perfection. <i>New.</i> Violet-purple.....	1 50
May Robson. Rose-pink.....	1 00
Opal. Salmon-rose.....	50
Son of Satan. Scarlet.....	1 00
Television. Bronze-carmine.....	1 00
Value.....	\$6 00

No. 2. Beauty Collection, \$2.50

Ballego's Surprise. White.....	75
Bonny Bright. Pink.....	50
Monarch of the East. Orange.....	75
Red Salute. Cardinal.....	50
Thomas A. Edison. Purple.....	50
Value.....	\$3 00

No. 3. Garden Collection, \$1.00

Altamont. Rose-pink.....	\$0 35
City of Cleveland. Red-orange.....	35
Gallant Fox. Dark red.....	35
Jane Cowl. Orange-buff.....	35
Jersey's Dainty. White-lavender.....	35
Value.....	\$1 75

MICHELL'S MERITORIOUS DAHLIAS, continued

Large Single Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

Dahliadel Snow White. A pure white single with a serrated petal which rolls forward, inclining to the Orchid type. Destined to become a popular variety. A fine grower, with excellent stems and wonderful keeping qualities. Roots, each 50c.

Dahliadel Wonder. A beautiful single variety; flesh-pink shaded violet-rose with yellow shading at center. A prize-winner in its class, with excellent stems and keeping qualities. Roots, each 50c.

Doris. Deep velvety carmine, tipped pure white. Very spectacular. Roots, each 25c.

Garnet Poinsettia. Glowing garnet, with rich, glistening sheen. Roots, each 25c.

One root each of above 4 varieties, \$1.25

Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus

Alice Whittier. SC. Large primrose-yellow flower on long stems. Roots, each 35c.

Ambassador. C. A good cut-flower. Soft yellow-buff blooms, shaded salmon-pink. Roots, each 35c.

Amelia Earhart. SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals; exceptionally large blooms on good stems. Roots, each 75c.

Ballego's Surprise. SC. Truly a white Frau O. Bracht, but easier to grow. A wonderful keeper when cut. Roots, each 75c.

Cigarette. SC. Creamy white, heavily edged orange-red; petals long and inclined to roll, forming a deep flower. Roots, each 35c.

Dorcas Ann. SC. An attractive pink, with rose suffusion and sulphur-yellow shadings at center. Fine for cutting and baskets. Long, strong stems. Roots, each 35c.

Frau O. Bracht. C. Clear primrose, finely formed flowers on stiff stems. Good for exhibition or cutting. Roots, each 75c.

Golden Sonne. SC. Extra-large, graceful, rich golden yellow flowers with soft rose suffusion. Roots, each 50c.

Jersey's Dainty. C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. A prolific bloomer, with long, straight stems and dark healthy foliage; bush 5 feet in height. Roots, each 35c.

Kay Francis. SC. Flowers light lemon-yellow, clear and pure, on long, strong, stiff stems. Exceptionally fine for exhibition and a very early bloomer. A winner of many prizes. Roots, each 50c.

Leiden's Elegance. IC. A light cardinal in this class is welcome and especially one with long, erect stems. Good form and does well under ordinary culture. The 7 by 3½-inch blooms are fine. Grows 5 feet high. Roots, each 50c.

Lilac Glory. IC. One of the prettiest Cactus varieties grown. Blooms soft violet-rose, with silver shadings, on long, slender stems but strong and erect. Roots, each 35c.

Margaret Bouchon. C. Free bloomer. Rose and white. An old favorite still in demand. Roots, each 35c.

Mariposa. SC. Beautiful shade of true pink, center intensified and suffused with faint violet; narrow, incurved petals. Sturdy grower and a great favorite. Roots, each 35c.

May Robson. SC. An attractive soft rose-pink variety. Stems erect and blooms well above the foliage. Roots, each \$1.00.

Miss Elsie Jane. SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Long, wiry stems. Roots, each 50c.

Mrs. Herbert O'Connor. IC. The exceptional qualities, especially for an Incurved Cactus Dahlia, are long, slender, yet erect stems and flowers of good size, measuring 9 inches across and 5 inches deep, of an unusually bright color, which is soft rose-pink, deepening at center. Dark, healthy open foliage. Bush 5½ feet high; profuse and continuous bloomer. One of the best Incurved Cactus introductions in recent years and we predict it as a great winner in the showrooms. Roots, each 50c.

Paul Pfitzer. SC. A variety that has been the center of attraction at the American Dahlia Society Shows in New York. The flower is a pleasing combination of shell-pink and primrose-yellow, making a wonderful addition to the Cactus class. Stems long, straight, and stiff. Free bloomer. Roots, each 50c.

CACTUS TYPES, continued

Pink Spiral. IC. A dainty, attractive color combination of peach-blossom pink, with yellow at the center, that is very pleasing. Bush grows well (4½ feet) and stems are excellent. Blooms very artistic in form, 7 by 4 inches. Roots, each 50c.

Pride of America. SC. A full, deep Semi-Cactus, 9 by 6 inches, that opens back almost to the stem. Color, clear primrose-yellow with a tinge of pink on the reverse of petals. Stems are strong. Foliage medium dark. Bushes 5 feet high. Roots, each 50c.

Red Jug. SC. Rich cardinal-red, with petals tipped yellow. Blooms average 10 inches in diameter and 5 inches deep. Stems long and stiff and the leathery foliage is insect-resistant. Roots, each 50c.

Rheinischer Frohsinn. IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. A real cut-flower. Roots, each 50c.

Satan. SC. A sensation for its striking beauty, formation, and coloring. Here is really an outstanding variety. Blooms average 10 to 12 inches in diameter and 6 inches in depth; color, flaming scarlet with orange-salmon at base of each petal; last a long time when cut. Roots, each 50c.

Son of Satan. SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. Although the petals revolute sufficiently to bring it into the Incurved Cactus class, under varied conditions it will develop into a Semi-Cactus. Blooms 11 by 5 inches. Bush 5 feet. Roots, each \$1.00.

Star of Bethlehem. SC. Pure white blooms with petals finely pointed at tips, and a very high full center, giving a star effect. Truly a wonderful Dahlia. In a class by itself. Roots, each 50c.

Orchid-flowering Varieties

This new race is excellent for landscape effect, gardens, table or other dainty decorations. Blooms often average 4 to 5 inches in diameter. Bush grows 2 to 3 feet in height. We recommend the following varieties.

Beaver. Crimson-maroon, with light-tipped narrow florets. Roots, each 25c.

Buttercup. Blooms measure 4 inches across. Color clear yellow. Ideal for the garden. Roots, each 25c.

Dahliadel Twinkle. The sensational Orchid-flowering variety that has fast grown in popularity, and has won a number of prizes. Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals, which roll forward and show on the face of the flower. Bush rather dwarf. Roots, each 35c.

Everest. Pure white throughout. Roots, each 35c.

Mavis. White-lilac ground, with deep reddish purple reverse. Roots, each 35c.

Vesper. White, heavily suffused Tyrian rose; long stems. Profuse bloomer. Roots, each 35c.

COLLECTION: One root each of above 6 varieties, \$1.75



Cactus Dahlias

MICHELL'S MERITORIOUS DAHLIAS, continued

The Dahlia as a cut-flower enhances the beauty of any decoration you may make. It is a prolific bloomer, a single bush producing blooms for many weeks. The best time to cut flowers is in the early morning. Mature flowers should be selected, the stems cut slantwise with a sharp knife, the lower leaves stripped off, and the ends of the stems either burned or dipped in boiling water for half a minute. The Dahlias should then be placed in deep containers full of cold water and put in a cool place, free of drafts; if the ends of the stems have become dry, they should be cut before being placed in water.

COLLECTION MICHELL'S MINIATURE DAHLIAS

See color illustration on third cover

Baby Royal. MD. A gem for any garden. Salmon-pink, shaded apricot, with yellow at base of petals. A winner of several awards. Roots, each 25c.

Bishop of Llandaff. MD. Brilliant rich red. Dark bronze-colored, lacy foliage. Roots, each 35c.

Fairy. MFD. Violet-rose, shading mauve at tips. Early and continuous bloomer. Roots, each 35c.

McKay's Purity. MFD. This strong grower makes healthy, dense, dark green foliage with the uniform white blooms jetting out in striking contrast. Stems are long for cutting. Roots, each 35c.

Orchid Lady. MFD. Bright violet-rose or light lilac. Roots, each 35c.

Rapture. MID. Rose-pink, shading to sulphur-yellow. Roots, each 35c.

COLLECTION: One root each of above 6 varieties for \$1.50

Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MC., Miniature Cactus.

Baby Beauty. MFD. Violet-rose, shaded bright rose-pink. Roots, each 35c.

Baby Royal. MD. A gem for any garden. Salmon-pink, shaded apricot, with yellow at base of petals. A winner of several awards. Roots, each 25c.

Baby Sagamore. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Bush sturdy and strong. Roots, each 50c.

Bishop of Llandaff. MD. Brilliant rich red. Dark bronze-colored, lacy foliage. Roots, each 35c.

Cinnamon Gem. MID. A most free-flowering Miniature producing quantities of 2½-inch flowers on strong stems of perfect form. Color is unique—cinnamon-orange. Ideal habits. Recommended for exhibition or cutting. Roots, each \$1.00. Plants, 50c.

Dubonnet. MSC. A beautiful Miniature Semi-Cactus. A rich deep ox-blood-red that does not fade or burn. Compact bushes with dark green foliage. A fine cut-flower variety. Roots, each 50c.

Fairy. MFD. Violet-rose, shading mauve at tips. Early and continuous bloomer. Roots, each 35c.

Forest Fire, Jr. MID. In color it is indeed a miniature Forest Fire of very artistic form. It is amber-yellow suffused and veined soft cardinal. This variety grows well regardless of insects or dry weather and blooms from the middle of August until frost. Roots, each 50c.

Irene. MFD. Exquisite old-rose. Roots, each 25c.

Joyce Ann. Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems strong and erect. Roots, each 35c.

Kitty Bellair. MC. Tiny deep maroon flower. Very graceful. Roots, each 25c.

Lady Mary Hope. MID. Amber and orange, tipped white. Roots, each 35c.

Little Jewel. MFD. Peach-blossom-pink. Roots, each 35c.

Little Nemo. MFD. A striking crimson uniformly tipped white, which is uncommon in bicolors. Very pleasing and regular in form but sometimes grows too large for the Miniature class. However, it is very beautiful and popular wherever grown. Roots, each 50c.

McKay's Purity. MFD. This strong grower makes healthy, dense, dark green foliage with the uniform white blooms jetting out in striking contrast. Stems are long for cutting. Roots, each 35c.

Nesthaken. Pastel combination of buff suffused lilac. Of early and continuous blooming habit. A great favorite with lovers of pastel shades. Roots, each 35c.

New Blush Beauty. MFD. Alizerine-pink. Blooms face outward, with tight centers. Good bush growth and prolific bloomer. Height 3 feet. Stiff stems. Roots, each \$1.00.

Orchid Lady. MFD. Bright violet-rose or light lilac. Roots, each 35c.

Pink Lassie. MP. A beautiful soft shade of rose-pink with cream and lighter shadings toward center. Won many prizes at various Shows. Really a wonderful Dahlia. Roots, each 75c.

Raleigh. MID. Very desirable for basket work and arrangements. Bushes are strong and robust, 4 feet high, and stems stiff and erect. Blooms 3½ by 2 inches, deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, each 35c.

Rapture. MID. Rose-pink, shading to sulphur-yellow. Roots, each 35c.

MINIATURE DAHLIAS, continued

Redhead. MID. Scarlet-orange, with blooms facing up, on nice stems. A fine keeper. Roots, each 35c.

Red Robin. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Bushes are sturdy and produce great numbers of blooms on perfect stems. Roots, each \$1.00.

Rose Beauty. MFD. The color is a soft peach with coral suffusion. The blooms are 2½ by 2 inches, uniform and perfect, with centers full throughout the season. Stems are good, which makes it ideal for cutting and useful for arrangements. Bush 2½ feet high. Roots, each 35c.

Tangerine. MFD. Compact grower with long stems for cutting without any disbudding or pruning. A Miniature Formal Decorative of scarlet or russet-orange color. Roots, each 35c.

Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

NEW COLLECTION MICHELL'S SELECTED POMPON DAHLIAS See color illustration on third cover

Bob White. Pure white, with a cast of yellow. Long stems. Excellent variety for cutting. Roots, each 25c.

Edith Mueller. Tyrian pink, with silver reverse. Free bloomer, with a very fine stem. A charming variety. Roots, each 25c.

Goldilocks. Pure gold, deepening at center. Roots, each 25c.

Helen Anita. One of the better varieties. Lilac with white center. Roots, each 25c.

Little David. Perfectly formed, russet-orange flowers. Fine for cutting. Roots, each 25c.

Little Edith. Gold, suffused red. Free bloomer. Excellent for cutting. Roots, each 25c.

COLLECTION: One root each of above 6 varieties for \$1.00

Betty Ann. Soft rose-pink, inclined to violet-rose. Blooms small, uniform in size and form. Winner of many prizes. Roots, each 25c.

Betty Malone. The outstanding Pompon of the year and winner of numerous prizes. Color white with each petal distinctly tipped violet-purple. Roots, each \$1.00.

Bronze Beauty. A beautiful golden apricot. Free bloomer and good for cutting purposes. Roots, each 25c.

Dee Dee. A perfectly formed pure lavender, small and dainty, with long stems. Roots, each 35c.

Gertrude. Bright glowing carmine of good form on strong stems. One of the best bright reds to date. Roots, each 35c.

Honey. Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Excellent for cutting. Roots, each 25c.

Jack. Purple-garnet blooms, perfectly formed, throughout the season. An incessant bloomer. Roots, each 25c.

Jill. Soft yellow, suffused and tipped carmine. A bright, colorful variety with small, uniform blooms on long stems. Roots, each 35c.

Johnny. The smallest Pompon grown. Dark red or maroon. Roots, each 50c.

Little David. Perfectly formed, russet-orange flowers. Fine for cutting. Roots, each 25c.

Mary Munns. Fuchsia color, orchid sheen. Roots, each 25c.

Mike. A bright burnt-orange, shading lighter at the outer petals. Attractive and jutting with blooms. Roots, each 25c.

Morning Mist. White tipped lavender. Roots, each 35c.

Reginald. A fine Burgundy red of ideal size and finest form. Bush-growth rugged. Roots, each 35c.

Sherry. A deep purple which is nearly round and very attractive. Bush grows rapidly and sturdily. Roots, each 35c.

Snowclad. Pure white. Free bloomer. Roots, each 25c.

Sunny Daybreak. Shade of yellow and red. Roots, each 25c.

Taka's Purple. A very desirable variety of good blooming quality and strong stems. Roots, each 35c.

Yellow Gem. Pure light yellow. Free bloomer. Long stems. Excellent for cutting. Roots, each 25c.

DAHLIAS BY COLOR

Though named sorts, these are not labeled as to variety. Extra-large divisions or clumps furnished in the following colors:

	Each	Doz.		Each	Doz.
Pink	\$0 20	\$2 25	White	\$0 20	\$2 25
Red	20	2 25	Yellow	20	2 25

Michell's Summer-Flowering Bulbs

Amaryllis

CULTURAL DIRECTIONS. There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep manure. Water sparingly at first, but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 or 5 months, when they can be started again as described above.

GIANT AMERICAN HYBRIDS

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.	100
Large selected bulbs	\$0 50	\$5 00	\$40 00
Choice mammoth bulbs	75	8 00	60 00

Michell's Superb Tuberous-rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterruptedly from latter part of June till frost.

SINGLE CRISPA FRILLED BEGONIAS (Large bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson ...	\$0 25	\$2 50	\$19 00	Scarlet ...	\$0 25	\$2 50	\$19 00
Orange ...	25	2 50	19 00	White ...	25	2 50	19 00
Pink, Rose ...	25	2 50	19 00	Yellow ...	25	2 50	19 00
Salmon ...	25	2 50	19 00	Mixed ...	20	2 25	17 00

DOUBLE CAMELLIA-FLOWERED BEGONIAS (Large bulbs)

Crimson ...	\$0 25	\$2 50	\$19 00	Scarlet ...	\$0 25	\$2 50	\$19 00
Orange ...	25	2 50	19 00	White ...	25	2 50	19 00
Pink, Rose ...	25	2 50	19 00	Yellow ...	25	2 50	19 00
Salmon ...	25	2 50	19 00	Mixed ...	20	2 25	17 00

DOUBLE CARNATION-FLOWERED BEGONIAS (Large bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange ...	\$0 25	\$2 50	\$19 00	Scarlet ...	\$0 25	\$2 50	\$19 00
Pink and Rose ...	25	2 50	19 00	White ...	25	2 50	19 00
Salmon ...	25	2 50	19 00	Yellow ...	25	2 50	19 00
				Mixed ...	20	2 25	17 00

BEGONIA PENDULA, Hanging-Basket Type

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

	Each	Doz.	100
Mixed Colors ...	\$0 25	\$2 50	\$19 00

Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

EXTRA HIGHLY COLORED NAMED VARIETIES

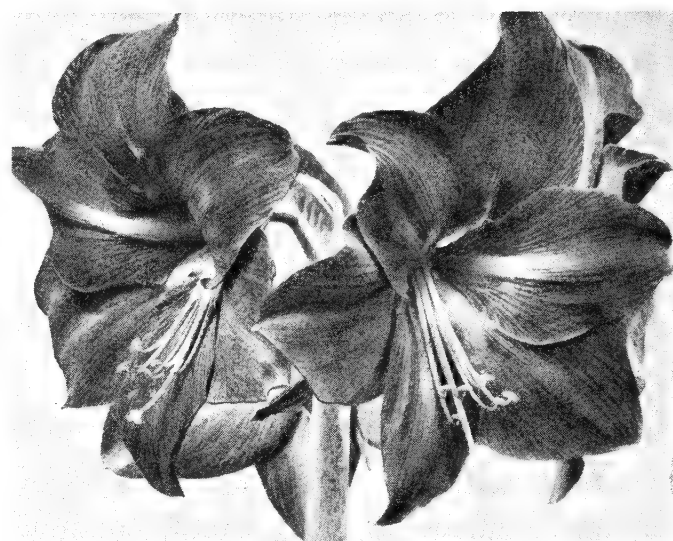
Each 35c.; doz. \$3.50; 100, \$25.00

MIXED VARIETIES

An assortment especially blended for us.

Each 30c.; doz. \$3.00; 100, \$20.00

NOTE. It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.



Amaryllis

Caladium esculentum • Elephant's Ear

As centerpieces in flower-beds or for specimens on the lawn Caladiums are fine. Do not plant outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.
First-size bulbs, 7 to 9-in. circ.	\$0 10	\$1 00
Mammoth bulbs, 9 to 11-in. circ.	15	1 50
Monster bulbs, 11 to 13-in. circ. up	30	3 50
Jumbo bulbs, 13 to 15-in. circ.	50	5 50

Calla Lilies

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

	Each	Doz.	100
Elliottiana. Yellow flower as large as the common white Calla. Spotted leaf.			
Mammoth bulbs	\$0 30	\$3 00	\$22 50
Monster bulbs	40	4 50	35 00
Jumbo bulbs	65	7 50	55 00
Spotted. Flowers white. Foliage green, spotted white.	35	3 50	25 00

Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, each 10c.; doz. \$1.00; 100, \$7.50.

Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. We offer extra-fine, large bulbs.

	Each	Doz.	100
Emperor Frederick. Red, striped white	\$0 40	\$4 00	\$30 00
Emperor William. Purple, striped white	40	4 00	30 00
Mont Blanc. White	40	4 00	30 00
Queen Wilhelmina. Rose	40	4 00	30 00
Tigrina. Spotted	40	4 00	30 00
Viola. Light purple	40	4 00	30 00
Mixed Colors	35	3 75	28 00

Hyacinthus candicans (Summer-flowering Hyacinth)

An ornamental midsummer-flowering plant, producing from 20 to 100 large, bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well-drained, rich soil. The bulbs will produce a succession of spikes for two to three months, particularly if the spikes are cut off as the flowers fade. Each 20c.; doz. \$2.00; 100, \$12.00.

SEE PARCEL POST TABLE ON PAGE 1

MICHELL'S SUMMER-FLOWERING BULBS, continued

Gloriosa Superba Rothschildiana

This handsome African tuberous-rooted plant, known as the "Climbing Speciosa Lily," has been used mostly as a greenhouse climber, but can be grown very successfully as an outside climber if given a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It reaches a height of 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, but change to a deep scarlet. Strong tubers, each 75c.; doz. \$8.00.

Ismene calathina

Pancratium Lily, Peruvian Daffodil

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 25c.; doz. \$2.50; 100, \$18.00.

Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, each 10c.; doz. \$1.00; 100, \$7.50.

Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

	Doz.	100
Aurea. A fine yellow variety.....	\$1 50	\$10 00
Fire King. Fiery red.....	75	5 00
George Davison. Pure golden yellow.....	1 00	7 00
His Majesty. Rich yellow center, shading to scarlet.....	1 50	10 00
King Edmund. Rich golden yellow, with brown markings in throat.....	1 00	7 00
Choice Mixed	60	4 50

OTHER VARIETIES OF MONTBRETIAS SUPPLIED ON REQUEST

Oxalis (Summer-blooming)

Valuable for edging the borders of walks or flower-beds.

	Doz.	100
Mammoth Bulbs		
Deppel. Small white flowers.....	\$0 25	\$1 50
Lasiandra. Rosy pink. Beautiful cut foliage.....	30	1 75
Shamrock. Clover-like foliage. Pink flowers.....	35	2 25

Spring Flowering Bulbs. By Thayer. Price \$1.25



Gloriosa Superba Rothschildiana

Tigridia Pavonia • Mexican Shell Flower

Hybrids, Mixed. An excellent flowering bulb for the garden, known as the Tiger or Shell Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. Each 20c.; doz. \$1.75; 100, \$12.00.

Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

	Doz.	100
Double Pearl. Pure white. First-size bulbs.....	\$0 60	\$4 50
Double Pearl Mammoth. Extra-large selected bulbs.....	1 00	8 00
Albino or Mexican. Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties.....	60	4 50

Zephyranthes • Fairy Lily

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

	Doz.	100
Carinata. Very large, showy pink blooms.....	\$0 90	\$6 00
Treatiae alba. Pure white.....	60	4 50
Treatiae rosea. Clear rose.....	1 00	7 00

Michell's Large-Flowering Cannas

Cannas can be used for both bedding and border planting, producing effective results and blooming from early summer until frost. The heights given are as they average in the nurseries; this may vary, depending on soil, weather, and climatic conditions.

Ambassador. Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

City of Portland. A glowing pink. Foliage green. 3½ ft. Roots, each 10c.; doz. 90c.; 100, \$6.00.

Eureka. The best white variety. Free bloomer. Green foliage. 4 ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

Hungaria. Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, each 10c.; doz. 90c.; 100, \$6.00.

King Humbert. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

Mrs. Alfred C. Conard. Color delightful salmon-pink, which becomes more brilliant as the flower develops. Foliage light green. 4 ft. Roots, each 10c.; doz. 90c.; 100, \$6.00.

Richard Wallace. Large, showy, pure canary-yellow flowers carried on good stems. Green foliage. 4½ ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

The President. Rich glowing scarlet. Superior in quantity and quality of bloom to any other red variety. Green foliage. 4 ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

Wyoming. Orange-chrome-red. Bronze foliage. Roots, each 10c.; doz. 75c.; 100, \$5.00.

Yellow King Humbert (Queen Helen). Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, each 10c.; doz. 75c.; 100, \$5.00.

Mixed Cannas. All colors. Roots, doz. 65c.; 100, \$4.50.

Our booklet on the culture of Cannas, Dahlias and Gladiolus, free on request

Prices of Canna Plants. If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Each 30c.; doz. \$3.00; 100, \$20.00. Please specify if roots or plants are wanted.

Michell's Reliable Plants

Please read carefully before ordering Plants from this Catalogue

So far as possible, when there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting, unless otherwise instructed by customers.

Shipments for southern states, or localities where cold weather is not a permanent thing, are made as soon as possible, unless otherwise instructed.

Shipments are best made by Express, except orders for small plants or few in number. These can be sent by Parcel Post, if sufficient remittance on cash orders accompanies same.

In some cases the Parcel Post charges may be slightly in our favor; in the others, they will be in favor of the buyer, although our customers should not overlook the fact that it requires expert packing for safe arrival of shipments by Parcel Post.

Please Note. Orders for less than the number of plants listed cannot be filled, unless they are offered at our counter and are taken along. Prices are especially established for these.

Shipping-Time

In average seasons, applying to orders booked for spring.

Hedge, Small Fruits, Trees, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing either until stock is exhausted or until season is too far advanced. Most perennials are pot-grown and can be planted safely at any season, as long as they are procurable.

Roses. May is the best month for these, unless April is warm and settled.

Bedding Plants. Geraniums, Cannas, Salvia, etc., are usually shipped beginning May 10.

Special Caution

Notice. On receiving plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting-time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting-time.

Special Notice on Guarantee

We spare no effort to supply all Plants, Trees, etc., of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is entirely within the power of the buyer or planter.

If plants are wanted by Parcel Post, please add 10 per cent for points east of the Mississippi River, and 15 per cent for points west.

Michell's Choice Bedding Plants

Achyranthes

Brilliantissima. Very bright crimson foliage. Excellent for edging beds of various kinds and makes a fine show against a green or yellow background. Extra-strong plants, each 30c.; doz. \$3.00; 100, \$20.00.

Ageratum • Floss Flower

This is one of the freest-flowering annuals and can be adapted to many purposes. As an edging in a garden border few plants surpass it.

Henry F. Michell. The dwarfest-growing and largest-flowering variety in existence. Produces immense quantities of most beautiful clear blue flower-heads all summer.

Blue Perfection. Large heads of deep blue flowers produced in abundance. 1 ft.

All Ageratums, each 30c.; doz. \$3.00; 100, \$20.00

Alyssum

Little Gem. Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. 6 in. Each 15c.; doz. \$1.50; 100, \$10.00.

Antirrhinum • Snapdragon

Large-flowering Half-Dwarf. A very effective plant for massive bedding or border planting. If flowers are cut when open, it will continue to bloom until frost. In separate colors as follows: White, Pink, Yellow, and Scarlet. Extra-strong plants, each 30c.; doz. \$3.00; 100, \$20.00.

Asters

Giant Branching. We grow a large stock in separate colors: Pink, Crimson, White, and Blue. Extra-strong plants, each 15c.; doz. \$1.50; 100, \$10.00.

Begonias, Fibrous-rooted

Gracilis luminosa. A splendid variety with bronzy red foliage and brilliant scarlet flowers. Very free blooming. For providing showy masses of color in partially shaded areas few plants are more effective.

Prima Donna. One of the best bedding Begonias, having lovely rose-colored flowers shading to carmine. An unusually decorative plant for edging taller bedding plants.

All Begonias, 4-in. pot-plants, each 30c.; doz. \$3.00; 100, \$20.00

Calendula • Pot Marigold

These somewhat resemble a double yellow daisy and are fine for cutting, border planting, or as a background. Each 30c.; doz. \$3.00; 100, \$20.00.



Antirrhinum



Ageratum



Asters, Giant Branching

MICHELL'S CHOICE BEDDING PLANTS, continued

Coleus

The popular bedding plant with beautifully colored foliage. Used extensively for edging canna and geranium beds.

Golden Bedder. Rich canary-yellow foliage.
Queen Victoria. Red foliage with yellow edge.

Verschaffelti. Dark crimson foliage.

All Coleus, each 15c.; doz. \$1.50; 100, \$12.00.

Cosmos

Mitchell's Giant-flowering Strain. Produces enormous, long-stemmed flowers late in the autumn. Each 15c.; doz. \$1.50; 100, \$12.00.

Geraniums

Beaute Poltevine. Salmon-pink; very double.

Rose-scented. The old-fashioned sweet-scented variety.

Ricard. Enormous bright scarlet flowers during the entire season. Compact, medium-dwarf plants.

All Geraniums, extra-fine stock, each 35c.; doz. \$3.50; 25, \$6.50.

Heliotrope • Cherry-Pie

A great favorite in old-fashioned gardens, principally on account of their delightful fragrance. Each 35c.; doz. \$3.50; 25, \$6.50.

Lantana

There are few summer-flowering plants that give more satisfaction than Lantanas. They bloom continuously throughout the summer and are coming into great favor on account of their bright, showy colors. Each 35c.; doz. \$3.50; 25, \$6.50.

Lemon Verbena

Pointed, green, lemon-scented foliage, fine for mixing among cut-flowers. Each 35c.; doz. \$3.50; 25, \$6.50.

Lobelia

Compacta. Blue-flowering plant for edging and hanging-baskets. Each 15c.; doz. \$1.50; 100, \$12.00.

Marigold

These are favorites in all old-fashioned gardens and are in bloom from early summer until frost. Grown from selected seed.

AFRICAN VARIETIES

Guinea Gold. A distinct type, all flowers being double or semi-double. Clear orange, flushed with gold; very loose petaled and lacks the odor of the regular African Marigold.

Lemon Queen. Large, soft lemon-yellow flowers.

Orange Prince. Very showy, large flowers of deep golden orange.

FRENCH MARIGOLDS

Harmony. An excellent new French variety of scabious-flowered type. Very double, deep orange flowers with maroon collar. Free flowering. Excellent for borders. One of the best of the newer sorts.

Legion of Honor (Little Brownie). Single, golden yellow flowers with a large spot of velvety crimson. Early flowering. 9 in.

All Marigolds, each 15c.; doz. \$1.50; 100, \$12.00.

Moon Vine

Ipomœa noctiflora. A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, each 40c.; doz. \$4.00.

Passiflora • Passion Flower

Pfordti. An attractive climber for outdoor planting in summer, bearing a profusion of light blue flowers suffused with pink. Each 50c.

Petunias

This is probably the most universally used of the annual flowers. For bedding, baskets, window-boxes, or urns. They flower continuously.

Double Victorious, Mixed. Very dwarf and compact in habit of growth, with large, fully double flowers in many brilliant and fancy colorings.

Giant Single-Fringed, Mixed. Flowers large, beautifully fringed and ruffled, in a fine range of colors.

Rosy Morn. Dwarf. Brilliant rose flowers with white throats. Each 15c.; doz. \$1.50; 100, \$12.00.

All Petunias, except where noted, each 30c.; doz. \$3.00; 100, \$20.00.

Phlox Drummondii

Few annuals are more colorful or more notable for their free-flowering habit than the Drummond Phlox.

Excellent bedding or border plants.

Dwarf. Red, White, Pink, Mixed, each separate. Each 15c.; doz. \$1.50; 100, \$12.00.

Salvia • Scarlet Sage

No show of flowers can equal that produced by the Scarlet Sage. It makes a blaze of color when massed or planted in beds.

America. Best of all the Scarlet Sages. The earliest and most continuous bloomer, as well as the most uniform in habit of growth. 3-in. pot-plants, each 15c.; doz. \$1.50; 100, \$12.00. 4-in. pot-plants, each 30c.; doz. \$3.00; 100, \$20.00.

Verbenas

Mitchell's Mammoth Fancy Strain, Mixed. Used for edging borders or for window-boxes and vases. Each 25c.; doz. \$2.50; 100, \$15.00.

Vinca

Rosea. This is the flowering type used for bedding or vases. A bed or border planted with these is a beautiful sight. They are well adapted for either full sun or partial shade. We offer the following colors: Pink, White, White with Pink Eye, each color separate. Each 25c.; doz. \$2.50; 100, \$20.00.

Major variegata. A trailing plant used for hanging-baskets and window-boxes. Green foliage, mottled white. Extra-strong pot-plants, each 35c.; doz. \$3.50; 25, \$6.50.

Zinnias

Mitchell's Giant Dahlia-flowered, Mixed.

Distinct from the ordinary Giant-flowering class. Extra large and of a true Dahlia-flowered type. Plants grow from 2½ to 3 feet high. Mixed colors.

Elegans, Lilliput. Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers, excellent for bedding and cutting. Mixed colors.

All Zinnias, each 15c.; doz. \$1.50; 100, \$12.00.



Geraniums



Verbenas



Petunias

Michell's Hardy Garden Roses

The Roses we are offering are all strong, 2-year field-grown plants that were dug last fall and potted into 6-inch pots, then stored in coldframes without any artificial heat. During the latter part of March these potted plants are moved to beds in the open air where they receive no further protection. Under this treatment they develop in a natural way and are not only superior to stock which has been developed into full growth under glass, but also better for spring planting than plants which have been carried in cellars, in cold storage, or kept dormant in any other way until planting-time in late April or May. Roses thrive best in an airy position where they can have light shade during part of the day, but not near enough to trees and shrubs whose roots would rob them of food and moisture. Roses are gross feeders and

consequently require a rich soil. Select a well-drained position where the soil is good and dig in a liberal amount of well-decomposed manure, thoroughly mixing it with the soil. For best results, the beds should not be too wide; plant the Hybrid Teas 15 to 18 inches apart and the stronger-growing Hybrid Perpetuals 2 feet apart, planting all about 8 to 10 inches from the edge of the beds. The pot-grown plants we send out have already been pruned and arrive with a ball of earth around the roots; this ball should not be disturbed but should be thoroughly wet when planted. Budded Roses should be planted so that the bud is not over 2 inches below the surface of the ground; firm the soil well around the roots and give a thorough watering. Throughout the summer the surface of the bed should be cultivated.

SELECT LIST OF OUTSTANDING ROSES

APRICOT QUEEN. Plant Patent No. 464.

A lovely combination of colors is to be noted in this glorious new Rose—orange and apricot at the base of the petals, merging to salmon rose and phlox-pink in the fully developed bloom is descriptive. The bud is long pointed and the fully developed flower shows a regular, well-placed petal arrangement. Each \$1.50.

BETTER TIMES. Plant Patent No. 23.

Interesting long crimson buds, opening into brilliant cerise-red flowers which are large, very double, delicately fragrant, and produced on long, strong stems, making them excellent for cutting. Each \$1.00.

CALIFORNIA. Plant Patent No. 449.

A sensational and outstanding novelty. The color is a glorious shade of ruddy orange toned with saffron-yellow, with the exterior of the broad petals overlaid with Saturn rose—a dual-tone effect of indescribable richness and beauty. Each \$1.50.

COUNTESS VANDAL. Plant Patent No. 38.

Vigorous and free flowering, with long-pointed buds of good size, opening into double, long-lasting, fragrant flowers of a lovely coppery pink and gold. One of the finest. Each \$1.00.

CRIMSON GLORY. Plant Patent No. 105.

Well-branched, compact plants with magnificent, large, urn-shaped buds which open to flowers of an intense, deep and vivid crimson shaded with deep red and mellowed by a velvety nap. A favorite with all Rose-lovers. Each \$1.00.

ECLIPSE. Plant Patent No. 172.

The international sensation of the year, awarded prizes in Rome, Paris, and other test-gardens. The long, stream-lined bud, enhanced by ornamental sepals, is of rich gold without shading. Petals are large and tough but not numerous, averaging 20 to 25, with more in the autumn. Each \$1.00.

GLOWING SUNSET. Plant Patent No. 104.

Long-pointed buds open to full double flowers of a most artistic form. The color is an indescribable combination of orange-yellow and rose-pink, presenting a unique and extremely pleasing color effect. Each \$1.00.

HEART'S DESIRE. Plant Patent No. 501.

A strong-growing, healthy, hardy plant with pleasing foliage. The long-pointed dark red buds open to lovely, 4-inch blooms of scarlet-red. There are about two dozen petals and the unforgettable fragrance of old-time Roses. Each \$1.50.

MME. JOSEPH PERRAUD. The long,

slender orange buds open to sweetly fragrant flowers of a charming nasturtium-buff, straying to a lovely shade of shell-pink at the petal edges. Each 85c.

MRS. OLIVER AMES. Plant Patent rights

reserved. A truly marvelous Rose with a long, tapering lemon-yellow bud, unfolding to a large, broad, double, cream-colored bloom. Exceedingly fragrant. Each \$1.00.



Poinsettia

ORANGE NASSAU. Plant Patent No. 350.

The most spectacular Rose of the decade. Its color is entirely new—a bright orange on the inside of the petals, whereas the outside is an intense yellow. Each \$1.00.

PINK DAWN. A beautiful Rose with glo-

rious deep rose buds, opening to lovely pink flowers, tinted with orange at the base of the petals. Each \$1.00.

POINSETTIA. Plant Patent rights re-

served. This Rose is well named, having semi-double flowers of a bright, rich scarlet, produced freely during the whole season. Each \$1.00.

PRESIDENT BOONE. Plant Patent No.

314. Deep velvety crimson blooms beautifully veined with velvety black. Has the disease-resistance and vigor of Radiance and a delightfully rich fragrance. Each \$1.00.

PRESIDENT MACIA. Enchanting pink

buds veined with deeper pink and great billowy blooms of soft flesh brightened by a yellow flush toward the base. Richly fragrant. Each \$1.25.

R. M. S. QUEEN MARY. Plant Patent

No. 249. This beautiful Rose is beyond description and distinct from anything yet seen in Roses. Its color is a glorious combination of vivid shades, blending rich glowing salmon with an exquisite pure pink with an orange base. Each \$1.00.

SEQUOIA. A vigorous upright-growing

Rose. Flowers are produced singly on strong wiry stems. The color is a luscious ripe pumpkin-flesh, suffused apricot, and shading lighter at the petal edges. Each \$1.25.

THE DOCTOR. A beautiful glowing rosy

pink with satiny pink edges. Has broad petals that form graceful buds and open blooms. Each \$1.00.

FIVE NEW HARDY CLIMBING ROSES

APRICOT GLOW. Plant Patent No. 200.

A truly magnificent climber with medium-sized flowers of a luminous light apricot, shading to yellow at the base. The showy double flowers are borne in large trusses and have a pleasing fruity fragrance. Each \$1.00.

DOUBLOONS. Plant Patent No. 152. This

is the first of an entirely new strain of hardy climbing Roses which will stand the most severe winter. It is a vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is literally covered with clusters of large golden flowers. Buds ovoid, deep saffron-yellow, opening into large, fragrant, double, cupped, golden flowers. Each \$1.00.

EASLEA'S GOLDEN RAMBLER. Plant

Patent No. 114. A new outstanding climbing Rose from England, producing its comparatively large, double, rich golden flowers in large trusses. An additional quality is a delicious fragrance. Each \$1.00.

GOLDEN GLOW. Plant Patent No. 263.

A charming companion to Apricot Glow. The splendid semi-double bright yellow flowers are produced in clusters of 4 or 5 blooms each. This is one of the best yellow climbing Roses yet introduced. Each \$1.00.

NEW DAWN. Plant Patent No. 1. This

new Rose is a sport from Dr. W. Van Fleet which is universally acknowledged to be one of the best climbing Roses. It is identical in every way with its parent in size and formation of its long-pointed flesh-pink buds and double flowers, but blooms continuously throughout the summer and autumn months. A vigorous grower with luxuriant foliage, it is deservedly popular. Each \$1.50.

6 Gold Medal Roses

Mrs. Oliver Ames. Plant Patent rights

reserved. Lemon-yellow buds opening to cream-colored flowers; very fragrant. Each \$1.00.

Orange Nassau. Plant Patent No. 350.

Bright orange on inside of petals, intense yellow on outside. Each \$1.00.

R. M. S. Queen Mary. Plant Patent

No. 249. A combination of glowing salmon and pure pink with orange base. Each \$1.00.

Poinsettia. Plant Patent rights re-

served. Semi-double flowers of bright scarlet. Each \$1.00.

Crimson Glory. Plant Patent No. 105.

Large urn-shaped buds of deep scarlet. Each \$1.00.

Pink Dawn. Deep rose-pink tinted with

orange at base of petals. Each \$1.00.

1 plant each of 6 varieties for \$5.50

Michell's Select Hybrid Tea Roses

All varieties listed at 85c. each will be supplied at \$9.00 per doz.

Autumn. Novel and distinct in coloring—burnt-orange, streaked with red. Close, compact growth. Each 85c.

Betty Upprichard. Long-pointed buds and large, open, long-lasting, very fragrant flowers of a delicate salmon-pink, reverse carmine with a coppery sheen. A vigorous grower and a profuse bloomer. Each 85c.

Briarcliff. Fine buds, opening into high-centered flowers of a beautiful bright clear rose-pink, sweetly scented. Vigorous and free flowering. A perfect cut-flower. Each 85c.

Caledonia. A most desirable pure white Rose with long-pointed bud opening to a large, double, high-centered, long-lasting, moderately fragrant flower. Continuous, free bloomer. Each 85c.

Dainty Bess. An appropriate name for a daintily colored single Rose of artistic form, the petals forming an almost square flower instead of the conventional round one. Blooms are a delicate shade of shell-pink, with a conspicuous bunch of wine-colored stamens. A greatly admired, long-lasting, single flower. Each 85c.

Dame Edith Helen. Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented. One of the finest exhibition Roses and winner of gold medals here and abroad. Each 85c.

Edel. A British introduction of exhibition quality, producing large, beautifully formed, fragrant flowers of ivory-white, passing to pure white. This newcomer is a strong grower of uniform habit; very free flowering. Each 85c.

Edith Nellie Perkins. Rose of outstanding merit, of fine form and exquisite coloring, vigorous in growth and free flowering. Long-pointed bud; flower of good size, long-lasting and fragrant, double; outside of petals Oriental red, shaded cerise-orange, inside salmon-pink. Each 85c.

E. G. Hill. The high-centered, full, double flowers are bright scarlet shading to a deeper red as they develop. A vigorous grower and free flowering. Each 85c.

Etoile de Hollande. Brilliant red flowers of large size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Each 85c.

Glowing Carmine. The name appropriately describes this beautiful Rose. It is a strong grower with well-shaped buds of a splendid color that lasts exceptionally well. Each 85c.

Golden Dawn. The ideal yellow garden Rose. Its ovoid, lemon-yellow bud is heavily splashed with crimson before opening and develops into a well-formed, sweetly scented, large, double sunflower-yellow bloom. Low, bushy plant with attractive foliage. Each 85c.

Golden Rapture. A splendid yellow Rose with large flowers that hold their color exceptionally well. Magnificent for bedding and most desirable for cutting. The pure yellow buds are of ideal form. Each 85c.

Gruss an Teplitz. This is the Rose for everybody. A most profuse bloomer, succeeding under the most ordinary conditions. The color is rich scarlet, shading to a velvety crimson; fragrant. Each 85c.

Imperial Potentate. Large, ovoid bud; shapely flower, large, high-centered, long-lasting, sweet-scented, deep lively rose-pink. Vigorous grower and free flowering. Each 85c.

Joanna Hill. A new yellow Rose with large, long-pointed buds which open to large, full, semi-double flowers of a clear yellow, with orange-yellow center. Each 85c.

Kaiserin Auguste Viktoria. An old variety but still one of the best. In color it is a soft pearly white, tinted with lemon. This most perfectly formed white Rose has rich fragrance. Each 85c.

Killarney, Double White. A beautiful sport of Killarney, with lovely pure white flowers of moderate fragrance. Each 85c.

Lady Margaret Stewart. The flowers in the young stage are a deep sunflower-yellow, heavily veined and splashed with orange-scarlet with reverse of petals deeply suffused with carmine; as they develop these colors intermingle, forming a beautiful cadmium-orange effect. The bud is long and pointed, opening to a full double flower of pleasing form with a delightful fragrance. Each 85c.

Lady Alice Stanley. A Rose that is admired by everyone, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple-flesh on the inside. Each 85c.

Margaret McGredy. Bud very large and long-pointed; flower large, shapely, long-lasting, very double, fragrant, and brilliantly colored—a rich shade of Oriental-red, passing as it ages to carmine-rose. Vigorous and free flowering. Each 85c.

McGredy's Scarlet. One of the newer red Roses of marked superiority on account of its strong, vigorous growth, free and continuous habit of flowering, and its brilliant color, dazzling scarlet. The fragrant, full, double flowers are of good size. Each 85c.

Miss Rowena Thom. Large, long-pointed buds, developing into perfect flowers of a lovely color—a blending of fiery rose, rosy mauve, and old-gold. Each 85c.

Mme. Butterfly. While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. Each 85c.

Mme. Edouard Herriot. This is the celebrated "Daily Mail" Rose which has been so extensively advertised. The blooms are coral-red, shaded yellow and bright rosy scarlet, with yellow at the base—a combination of pleasing colors. Each 85c.

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date. Vigorous grower. Each 85c.

Mrs. Aaron Ward. A very free-blooming variety of low, compact growth. The flowers are full, double, and are as attractive when in full bloom as in the bud state. The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. Each 85c.

Mrs. Charles Bell. Has the vigorous growth of Radiance but the flowers are shell-pink, shaded soft salmon. Each 85c.

Mrs. Erskine Pembroke Thom. Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow color and sweetly scented. A clean, vigorous grower with disease-resistant foliage. One of the best yellows. Each 85c.

Mrs. Henry Morse. One of the best light pinks, combining two contrasting tones of pink with an underlying yellow glow. Long-pointed buds; flowers very large, double, high-centered, fragrant. Each 85c.

Mrs. Pierre S. du Pont. Medium-sized, long-pointed buds of reddish gold, opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. A strong, vigorous, compact grower. A most profuse and continuous-blooming yellow Rose that is a consistent prize-winner wherever shown. Each 85c.

Mrs. Sam McGredy. Scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and dazzling effect. The large flowers are of beautiful form and possess the proper fullness to make them useful for all purposes. They are freely produced and delicately perfumed. Each 85c.

President Herbert Hoover. One of the best of the newer bicolored Roses. Long-pointed buds open to large, loose, fragrant flowers of cerise-pink, flame, scarlet, and yellow. The very tall plants produce their flowers on extra-long stems. Each 85c.

Radiance. A Rose of American origin and, to our mind, one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the summer when many other varieties are out of bloom. In color, it is a beautiful even shade of pink. Each 85c.

Red Radiance. A counterpart of Radiance from which it is a sport, possessing all of the good points of that variety, but differing in color, which is bright cerise-red. Each 85c.

Souvenir de Claudius Pernet. A nicely formed flower of unfading sunflower-yellow, the first real yellow garden Rose. Vigorous, erect plant with shiny foliage. A consistent bloomer. Each 85c.

Talisman. This Rose has proved a fine garden variety. Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time. A free-blooming variety with the highest-colored blooms in autumn. Each 85c.

Ville de Paris. Pure yellow without a trace of any other color, standing up under all weather conditions; round buds and large globular flowers, fairly double and excellent for cutting. Each 85c.

Rosa Rouletti (Rock-Garden Rose)

A unique little Rose discovered in Switzerland. Very dwarf and blooms from May until November. Tiny, double, rose-pink flowers less than one-half inch in diameter. Each 75c.; doz. \$7.50.

Michell Dozen

Etoile de Hollande. Brilliant red; fragrant.

Golden Dawn. Lemon to sunflower-yellow.

McGredy's Scarlet. Dazzling scarlet; fragrant.

Mme. Jules Bouche. A splendid fragrant white.

Mrs. Charles Bell. Shell-pink, shaded salmon.

Mrs. E. P. Thom. Deep lemon-yellow.

Mrs. P. S. du Pont. Deep golden yellow.

Mrs. Sam McGredy. Scarlet, coppery orange.

President Herbert Hoover. A blend of pink, scarlet and yellow.

Radiance. Beautiful rose-pink.

Red Radiance. Bright cerise-red.

Talisman. A blend of apricot, gold, and rose-pink.

1 plant each of 12 varieties, \$9.00

ROSE INSURANCE

Can be best supplied if you use the celebrated formula of Edwin M. Rosenbluth, Tri-ogen (see page 74).

Hardy Climbing and Rambler Roses

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequaled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes, and the thinning out of weak growth. Canes becoming too long may be shortened. The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

American Pillar. The large, single flowers are a lovely shade of cherry-pink, with a clear white eye surrounding numerous golden yellow stamens.

Cl. American Beauty. The name of this Rose is rather misleading, yet on its own merits it is an excellent climber. It has but one blooming season, June, when it bears abundantly, large, bright self-colored, rose-pink flowers.

Dorothy Perkins. Beautiful shell-pink, fragrant and full, blooming in clusters in June. This is a very good Rose for covering stone walls, fences, embankments, and arbors.

Dr. W. Van Fleet. One of the most important climbing Roses, having perfectly formed buds, long-pointed, flesh-pink in color and very solid. The flesh-pink flowers are very large, borne on long stems, fragrant, and fine for cutting.

Emily Gray. A real yellow climbing Rose, producing long-pointed buds opening to large buff-yellow flowers with stems long enough for cutting. These stems are crimson-red in color, contrasting beautifully with the dark green, glossy, holly-like foliage.

Jacotte. Wonderful yellow climbing Rose with bright glossy green foliage and sweet-scented, orange-yellow flowers.

Any of the above, each 85c.; doz. \$9.00

Hardy Hybrid Perpetual Roses

Before the development of the Hybrid Teas, this was the most popular type for garden planting. For a while they were neglected but because of their great hardiness and the quantity of their large flowers, they are again becoming popular. Most of them are deliciously fragrant.

Frau Karl Druschki. The flower is very double and opens to a pure snow-white. Growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the fall.

Gen. Jacqueminot. The old favorite "Jack" Rose is still popular. Blooms are large, full, and globular, having an excellent cup-shaped form; in color they are brilliant scarlet-crimson, with deep veining.

Henry Nevard. Crimson-scarlet of fine large form; very fragrant. Very free flowering.

Mrs. John Laing. Beautifully formed, shell-pink flowers, exceedingly fragrant, and borne on strong stems. Fine for cutting. A good grower.

Any of the above, each 85c.; doz. \$9.00

TRI-GEN

The all-purpose spray

FUNGICIDE—INSECTICIDE
PLANT STIMULANT

Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

- A. Small kit (makes 16 qts.).....\$1 50
- B. Medium kit (makes 64 qts.)..... 4 00
- C. Large kit (makes 32 gals.)..... 6 00
- D. Estate kit (makes 128 gals.).....20 00

Mme. Gregoire Staechelin. Gorgeously colored and exquisitely perfumed; its color is iridescent pearl-pink with claret-carmine markings on the outer petals. Perfectly hardy, and has large, disease-resistant foliage.

Mary Lovett. One of the best white climbing Roses, producing fragrant, double white flowers on long, strong stems. Very free flowering.

Mary Wallace. Long-pointed buds and very large, cupped, semi-double flowers, clear rose-pink in color. A strong grower and very free flowering. Often repeats in autumn.

Paul's Scarlet Climber. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

Primrose. A real hardy yellow Rambler, in color a light primrose-yellow, holding this color until the petals drop. The flowers are about 2½ inches in diameter, double, and are borne in trusses on long stems.

Silver Moon. An indispensable hardy climber having long, well-shaped buds, creamy yellow on first appearance, opening into immense clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast.

Climbing Hybrid Tea Roses

These produce a large crop of beautiful flowers in June with a quite liberal scattering of flowers throughout the season. Cut out all small, thin wood and cut the strong shoots back only to prominent eyes.

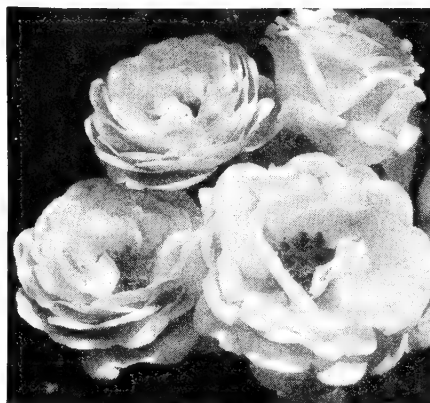
Climbing Etoile de Hollande. A climbing form of this most popular Rose with beautiful, well-formed red flowers.

Cl. Mrs. Aaron Ward. Beautiful Indian-yellow flowers.

Cl. Radiance. A beautiful even shade of pink.

Cl. Red Radiance. Bright cerise flowers of splendid form; fragrant. Free flowering.

All Climbing Hybrid Tea Roses, each \$1.00



Mrs. R. M. Finch



Rosa Rouletti

Large-Flowering Polyantha or Floribunda Roses

Baby Chateau. Attractive clusters of large semi-double velvety dark red blooms.

Else Poulsen. Showy, semi-double flowers of a distinct shade of rose-pink.

Lafayette. Rather large, semi-double, slightly fragrant flowers of bright cherry-crimson. Large clusters of flowers.

Mrs. R. M. Finch. Double, soft rosy pink flowers, fully 2 inches in diameter, borne in large clusters. Vigorous grower.

Orange Triumph. Magnificent scarlet-orange blooms arranged in enormous clusters which cover the shiny green foliage throughout the whole season.

Springtime. A Rose that will thrill you with its exquisite apple-blossom-pink shade with lighter center. Forms elegant impressive flower sprays composed of lovely semi-double cup-shaped blooms. Superb for cutting.

Any of the above Polyantha Roses, each 85c.; doz. \$9.00

Rosa Hugonis, Golden Rose of China

This Chinese native is a notable contribution to American gardens. Every branch of the previous year's growth is, in late April or early May, closely set on both sides to the very tip with exquisitely beautiful, single, clear yellow flowers. The long, arching sprays make Hugonis not only a beautiful shrub to be planted, if one so prefers, with other shrubs, but when cut are charming as table decoration. A graceful shrub with red canes and thorns and fine fern-like foliage. Each 85c.

Lipstick. An everblooming Shrub Rose similar to Skyrocket, producing enormous flower clusters during the whole season. The clusters consist of medium-sized, single flowers, clear cerise with salmon shadings. The yellow stamens are especially attractive. Each \$1.00.

Skyrocket. A real everblooming Shrub Rose producing a great profusion of bloom throughout the entire season. It makes a magnificent display with its enormous clusters of medium-sized, brilliant red flowers. The upright habit of growth is desirable with various kinds of shrubs. Each 85c.

How to Grow Roses. PYLE, McFARLAND, STEVENS. A very comprehensive work on the subject. 210 pages. Price, \$1.00

Michell's Hardy Perennial Plants

THOSE plants we have come to know as Hardy Perennials have long been a source of delight in American gardens. In the past twenty years many of them have been improved in size, form, and color, but none of them have lost their sentimental charm. Because they are hardy and appear each year with renewed vigor, Perennials are naturally popular.

Without exaggerating in any way it may be said that practically all of the Hardy Perennials are of easy culture. By careful selection, it is possible to have a Perennial garden or a border which provides showy masses of color from early spring until frost.

In planting Perennials, let us remember that well-prepared soil will more than repay the effort involved. Don't try to crowd your Perennials. Allow them ample space in the beds or borders so that they can develop their natural form. The matter of grouping or arranging reflects the ideas of the individual garden maker. If possible, choose a location that has a background of flowering shrubs, evergreens, a hedge, or a wall. To be sure, Perennials cannot be expected to grow in dense shade, but there are some that flourish better in partial shade than they do in full sun. Others must have a sunny location in order to thrive. Tall-growing plants are most effective in the background; those in the middle ground would, of necessity, be of medium height with an occasional group taller than the rest for accent purposes. Then, those plants used at the edge of the bed or border would naturally be those of low, somewhat spreading growth.

All too often, garden enthusiasts make the mistake of buying one plant of a kind with the expectation of getting spectacular masses of color. However, the result is usually spotty in its effect. Plant Perennials in groups of three or more, making an irregular mass.

Seldom, if ever, can a Perennial border be planted perfectly the first time. There are always some plants that need to be shifted to more favorable locations. But this is all a part of the fun of gardening. Why not plant a new Perennial garden? There are many surprises in store for you.

Achillea · Milfoil; Yarrow

Parmica, Boule de Neige (Ball of Snow). The flowers are of perfect form, with full centers, which makes them appear pure white. 1 ft. Summer.

★**Tomentosa.** Woolly Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Aconitum

Monkshood, Helmet Flower

Fischeri. A dwarf variety, growing 1½ feet high, with large, pale blue flowers in September and October.

Napellus, Sparks' Variety. The darkest blue of all. 3 ft. June.

Wilsoni. Tall-growing. Violet-blue flowers in very late fall.

All Aconitums, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Aethionema

Persicum. Lebanon Candytuft. Beautiful shrubby alpine of spreading habit. Rose-colored flowers from May until August. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Warley Rose. A beautiful, glaucous shrublet, growing from 4 to 6 inches high, producing a mass of deep pink flower-heads. Very hardy. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

*Alyssum

Saxatile compactum. An excellent, low, spreading plant for rockery or border, growing about 10 inches high. Masses of golden yellow flowers in May. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Saxatile compactum fl.-pl. A double-flowering form of the well-known Basket of Gold. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Anemone · Windflower

★**Hupehensis.** The plant grows 10 to 12 inches high and is wonderfully free flowering from early August until late autumn. Flowers a pleasing mauve-rose.

Japonica, Queen Charlotte. Very large, semi-double flowers of La-France-pink, a color that is rare among hardy plants.

Japonica, September Charm. Flowers delicate silvery pink, shaded with rose and mauve, 2 inches or more across. Very free flowering. 2 ft. Sept.

Japonica, Whirlwind. Large, semi-double, pure white flowers. Very free.

★**Pulsatilla.** Pasque Flower. An interesting plant for the rockery or border, producing violet or purple flowers during April and May. 9 to 12 in.

Sylvestris. Snowdrop Windflower. Large, nodding, sweet-scented, lavender flowers, tinted white, borne singly or two together on 6- to 8-inch stems. Prefers semi-shade. April, May.

All Anemones, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Anchusa · Sea Bugloss

Italica, Morning-Glory. One of the finest of this showy genus. Tall, branching stems, smothered with large, brilliant, rich blue flowers. May and June. 5 ft. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Myosotidiflora. A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Anthemis · Marguerite

Moonlight. This fine, compact, upright-growing variety is a great improvement. Throughout the summer the 2-foot plants are literally covered with hundreds of pale lemon-yellow, daisy-like flowers about 2½ inches in diameter. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Perry's Variety. Improved Golden Marguerite. Large, well-shaped flowers, nearly 3 inches across, from June to October. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Aquilegia · Columbine

Michell's Long-spurred Hybrids, Mixed.

The plants are of strong, thrifty growth and the flowers of the largest size. Can be supplied in separate shades: Blue, Pink, and Red and Orange.

Canadensis. Common American Columbine. Native bright red and yellow variety. One of the brightest.

Chrysantha. Golden Columbine. Bright yellow, long-spurred flowers.

Clematiflora. A new hybrid of exceptional charm and grace, with a distinct petal formation. There is a striking resemblance to the clematis, which accounts for its name. The colors range through pastel shades of pink and blue. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Coerulea. Rocky Mountain Columbine. Bright blue and white, long-spurred flowers.

Crimson Star. Large, brilliant dark crimson flowers on vigorous stems 2½ to 3 feet high, from May until July.

Longissima. Flowers of delicate pale yellow with spurs 4 inches long, produced abundantly from late May on. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Longissima Hybrids. The achievement of English hybridizers! They have crossed the bewildering beauty of the finest *Scott Elliott Hybrids* with the fantastic spurs of *Longissima*. Available in assorted colors only. 2½ to 3 ft. May, June.

All Aquilegias, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

*Arenaria · Sandwort

Montana. Very desirable creeping plant, forming a dense carpet of foliage, covered with attractive white flowers in spring. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Michell's Collection of Hardy Perennial Plants

This year we are offering . . . FOUR SPECIAL COLLECTIONS of Hardy Perennial Plants. We will select the most desirable kinds from the following list:

- | | | |
|------|-------------------------------------|---------|
| (1). | 12 plants, our selection | \$2.50 |
| (2). | 25 plants, our selection | \$5.00 |
| (3). | 50 plants, our selection | \$10.00 |
| (4). | 100 plants, our selection | \$20.00 |

The tall-blooming Anemones are spectacular in September

* *Arabis* • Rock-Cress

Alpina. One of the most desirable of the very early spring-flowering plants, forming a dense carpet, completely covered with pure white flowers. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Alpina fl.-pl. The double white Rock-Cress, flowering from April until June. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Coccinea. Beautiful crimson-red flowers in early spring. Easily grown in the rock-garden. Each 50c.; 3, \$1.35; doz. \$5.00.

Rosabella. A new, very choice form, with large clear pink flowers in great profusion during early spring. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

* *Armeria* • Sea Pink; Thrift

Cephalotes, Bees' Ruby. Stout stems with large, globular heads of brilliant ruby-red flowers. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Cephalotes rubra. Large heads of crimson-red flowers on stout stems. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Laucheana rosea. Bright rose. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Artemisia

Frigida. Fringed Wormwood. A shrubby little plant growing from 8 to 12 inches high, with finely cut silvery foliage.

Lactiflora. White Mugwort. White, fragrant flowers in much-branched panicles. 4 ft. Aug., Sept.

Silver King. A showy variety with beautiful, bright silvery foliage, which, when cut and dried, retains its silver color all winter.

All *Artemisias*, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Outstanding Hardy Asters

Alderman Volkes. Clear rose-pink with blue sheen. 3 ft. Sept.

Beechwood Challenger. This, in our opinion, is the nearest approach to red in Hardy Asters. It is free flowering, of medium height, about 3½ feet. In early fall it is completely covered with brilliant crimson-red flowers. Planted with Mt. Everest the contrast is striking as well as handsome in the early fall garden. Each 50c.; 3, \$1.35; doz. \$5.00.

Blue Bouquet. Large, clear violet-blue flowers with yellow eyes. 1½ ft. Oct.

Charles Wilson. A bright red Aster which grows 3 feet high and is very good.

Harrington's Pink. Probably the best truly pink Aster to date. The plant produces bold masses of large flowers from late August on. 3 to 4 ft. Each 50c.; 3, \$1.35; doz. \$5.00.

Hybridus luteus. Masses of bright clear yellow, star-shaped flowers from July until frost.

Mt. Everest. A wonderful white Aster, very tall, well-shaped pyramids of flowers right down to the ground.

Mt. Rainier. Best white companion to Harrington's Pink. Each 50c.; 3, \$1.35; doz. \$5.00.

Pink Nymph. A most profuse bloomer and one that is sure to please. The charming flowers open a rich rosy red which changes to bright pink as they mature. 4 ft. Sept.

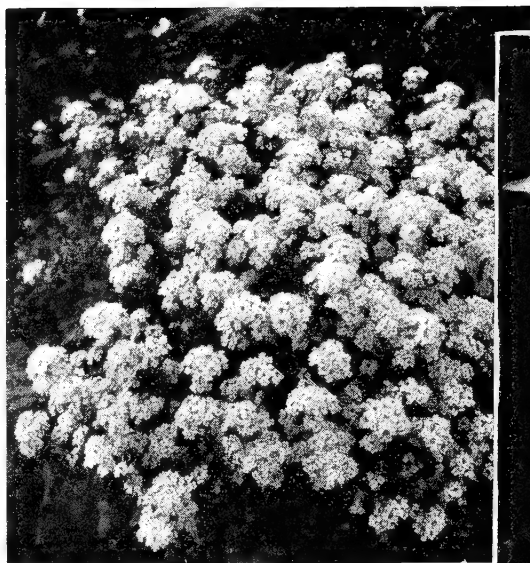
Red Cloud. A clear deep pink, rarely fades. Each 50c.; 3, \$1.35; doz. \$5.00.

Skylands Queen. Large, light blue flowers produced abundantly on 4-foot plants in late August and early September.

Violetta. One of the best new blues with large flowers of violet-blue. Each 50c.; 3, \$1.35; doz. \$5.00.

All above Hardy Asters, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Other Hardy Asters on page 77



Alyssum saxatile compactum
Each 30c.; 3, 85c.



Aquilegia clematiflora
Each 35c.; 3, \$1.00



Anemone
Each 35c.; 3, \$1.00



Anchusa myosotidiflora
Each 35c.; 3, \$1.00



Dwarf Border Asters. Each 30c.; 3, 85c.

Harrington's Pink is the first real pink Hardy Aster

Aster Subcoeruleus, Star of Wartburg

A giant form with large individual flowers on strong, erect stems 12 inches high. Blooms very early and makes a fine display with its dark lilac-blue flowers with orange center. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

* Dwarf Asters

Alpinus. Indispensable for the rockery or edge of hardy borders as they grow only 6 to 10 inches high. Large, showy, bluish purple flowers in May and June.

Mauve Cushion. An entirely distinct species. Forms a circular, cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Flowers delicate, soft mauve, with silvery white reflection, completely cover the plant. Blooms early in October, but are not at their best until November.

All Dwarf Asters, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. Blooms from June until frost. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

* Dwarf Border Asters

Countess of Dudley. Charming, clear pink flowers with yellow eyes. 9 in. Late Sept.

Lavanda. Lavender-blue flowers, commencing to bloom early in September. 6 in.

Lilac-Time. Lovely soft lilac flowers. Very free and of bushy habit. 1 ft. Sept., Oct.

Marjorie. A charming plant of compact growth, bearing large, bright rose-pink flowers. 1 ft. Mid-Sept.

Niobe. The best white variety. Dwarf, compact habit with pure white flowers. 6 in. Sept.

All Dwarf Border Asters, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Asclepias • Butterfly Weed

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Astilbe Arendsi

Betsy Cuperus. A splendid variety, growing about 5 feet high, with 2-foot drooping spikes of white flowers with pink centers. Very showy.

Granat. Deep crimson flowers. 2 ft.

Pink Pearl. Compact spikes of delicate pink.

All Astilbes, each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50

* Aubrietia

Rainbow Rock-Cress

Leichtlini rosea. A hybrid with lively rose-colored flowers. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Caryopteris Mastacanthus Superbus

A handsome, free-flowering, woody, hardy plant, growing from 2 to 4 feet high. The long branches are completely covered with clear-colored flowers during September and October. Well adapted for cutting and valuable on account of its late flowering habit. We can furnish these in separate colors: Blue, Pink, and White. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Campanula • Bellflower

Calycanthema. Cup and Saucer. Pink, White, and Blue, separate colors. 1½ ft. June, July.

★ **Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems, from July until October. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

★ **Carpatica alba.** Pure white form of the above. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

★ **Garganica.** Forms a low, spreading tuft, covered in June with star-shaped light blue flowers having white eyes. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Glomerata superba. Flowers dark violet. Late-flowering.

Medium. Old-fashioned Canterbury Bells. Flowers freely in June. Blue, Pink, and White, in separate colors. 3 to 4 ft.

★ **Miranda.** This variety begins to flower after *C. garganica*, during late June, July, and August, and continues to produce continuously a luxuriant mass of wee, dainty, nodding bells of an exquisite lavender-blue on fragile stems 4 to 6 inches high. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

★ **Muralis.** Midsummer-blooming. Campanula with masses of purple-blue, bell-shaped flowers on 4- to 6-inch stems. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Persicifolia humosa. We are pleased to introduce this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June, and July. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Persicifolia Moerheimi. Large spikes of pure white, double, camellia-like flowers, 2 to 2½ inches in diameter. Blooms from the middle of May until late in July. 2 ft. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Pyramidalis. Chimney Bellflower. The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain-blue flowers in August. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Rotundifolia, Purple Gem. A more free-flowering type with saucy bells until November. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Telham Beauty. Our stock is true, from imported plants, producing large, single flowers of exquisite China blue through July. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

All Campanulas, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Hardy Carnations

Beatrix. Light salmon-pink. May-Nov.

Crimson King. Vibrant crimson, double flowers on long stems. All summer. Each 40c.; 3, \$1.15; doz. \$4.00.

Grenadin Pink. A lovely rose-pink; fragrant.

Grenadin Red. Large flowers of bright red; fragrant.

Grenadin White. Large pure white flowers; fragrant.

Prince Bismarck. Deep rosy pink.

Royal Cottage Hybrids. Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture. Each 35c.; 3, \$1.00; doz. \$3.50.

All Hardy Carnations, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50



Cerastium tomentosum
Each 25c.; 3, 70c.



Korean Chrysanthemum
Each 35c.; 3, \$1.00



Hardy Chrysanthemum, Judith Anderson
Each 35c.; 3, \$1.00

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Hardy Garden Chrysanthemums

Illustrated in color, facing page 88

Large-flowered Double

Avalanche. A marvelous new pure white of extra-large size. The densely double flowers are high crowned and of almost ball shape, measuring 4 to 5 inches across as grown in our fields without disbudding. Flowers in early October and carries its magnificent blooms on strong wiry stems so that it is as good a cut-flower as a garden variety. Each 35c.; 3, \$1.00; doz. \$3.50.

Bronze Cydonia. A sensational sport from Cydonia with well-rounded fully double blooms combining the orange-mahogany color of Cydonia with a lustrous bright bronze on the tip-third of the petals. Each 35c.; 3, \$1.00; doz. \$3.50.

Cydonia. Double flowers of a brilliant orange-mahogany. One of the brightest in our collection. Each 35c.; 3, \$1.00; doz. \$3.50.

Golden Charm. Very double deep yellow blooms completely covering the dwarf, compact plants. Each 35c.; 3, \$1.00; doz. \$3.50.

King Midas. A very strong, free-flowering early-blooming double Korean variety with light yellow flowers sometimes lightly blended with bronze.

Lilian Doty. Large, ball-shaped, rose-colored sort. Very popular and reliable.

Mrs. H. E. Kidder. Large yellow Incurved.

Mrs. Sam P. Rotan. Produces perfectly double flowers of brilliant golden yellow shading to orange. Compact and free.

Muldoon. Large; purplish amaranth. Very much like Burgundy but not as tall and very compact. Quite double.

Murillo. Large; old-rose.

Oconto. Large; white. Vigorous, upright grower.

Rapture. Very colorful, vigorous, and free. The double flowers are a deep orange-bronze with a suffusion of carmine.

Saladin. Oriental red shading to coral-red with coppery tones on reverse of petals; semi-double.

Silver Tips. A very unique, free-flowering variety. The double blooms are bright carmine with the tips and reverse of the petals silvery white.

White Doty. Large ball-shaped white variety. Very popular.

Yellow Doty. Same form and habit as Lilian Doty and White Doty, but with deep bronzy yellow flowers.

All above varieties, except where noted, each 25c.; 3, 70c.; doz. \$2.50

Extra-Early Flowering Korean Hybrids

Acacia. Myriads of small, glittering, delightfully fragrant, acacia-like blossoms covering the plants from late September on. The semi-double sulphur-yellow flowers are about an inch in diameter. 2 ft. Each 35c.; 3, \$1.00; doz. \$3.50.

Auburn. Compact plants producing an abundance of single flowers which open a coppery red and change with age to salmon-flesh.

Autumn Lights. Semi-double coppery bronze blossoms with a gleaming orange overcast. The compact, vigorous bushes are simply covered with flowers in late September. A variety of more than average hardness. 1½ ft. Each 35c.; 3, \$1.00; doz. \$3.50.

Fortuna. Very vigorous plants of medium height covered with unique curly-petaled oxblood-red single flowers 3 to 4 inches in diameter.

Extra-Early Flowering Korean Hybrids, continued

Niobe. A vigorous plant of dwarf, compact habit. Single, clear glistening white flowers with yellow discs cover the plant completely.

Sappho. Compact, dwarf plant with an abundance of single yellow flowers.

Stellaris. Large single buttercup-yellow blooms. Graceful and vigorous.

Vesta. A plant of medium height and great vigor literally covered with single deep golden orange flowers over 2½ inches in diameter.

All above varieties, except where noted, each 25c.; 3, 70c.; doz. \$2.50

Small Aster-flowered and Pompon

Cheerfulness. Makes large plants of excellent form, covered with hundreds of small double yellow buttons.

Ethel. Superb bronze Button.

Irene. Compact dwarf plant with an abundance of small white button-shaped flowers.

Jean Treadway. Popular small pink Aster-flowered.

Jewel. Wonderful ball-shaped lilac Pompon. Very attractive and popular. Each 35c.; 3, \$1.00; doz. \$3.50.

Judith Anderson. A vigorous variety producing great quantities of good-sized button-shaped golden yellow flowers. Each 35c.; 3, \$1.00; doz. \$3.50.

Ouray. Large bronze Button of dazzling color.

Pomponette. A dwarf, compact grower literally covered with charming yellow Pompon flowers. Each 35c.; 3, \$1.00; doz. \$3.50.

Ruth. Very strong wine-colored small Aster.

All above varieties, except where noted, each 25c.; 3, 70c.; doz. \$2.50

Double-flowered Korean Hybrids

Burgundy. Most remarkable among the Korean Hybrids. Rich cerise-crimson with deeper center.

Caliph. Deep oxblood-red with a rich velvety sheen. Very showy and greatly admired.

Gleam o'Gold. This splendid primrose-yellow, aptly named, fairly gleams in the mellow October sunshine. Blooms early October. 2 ft.

Goblin. A distinct warm golden bronze attaining perfection for Halloween decoration. Of airy, graceful habit. 2 ft.

Lavender Lady. One of the newest double Koreans. Vigorous plants producing a great abundance of delicate double lavender flowers.

Mandarin. Coral, salmon, and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

Pale Moon. Fluffy sulphur-yellow flowers completely covering the compact plants. A new color in this type and very promising.

Roberta Copeland. A very unusual rose-red which matures as a salmon-bronze. It is an early bloomer, starting about middle of September. 2 ft.

Rose Glow. Appealing old-rose blooms borne in great profusion on plants reaching about 2 feet high. Blooms about October 5.

Sequoia. Elegant, good-sized, double blooms of a mellow amber color.

Symphony. Mauve-rose overcast with soft coppery tints, giving the flowers an unusually different and attractive appearance. Of strong, healthy growth.

All above varieties, each 35c.; 3, \$1.00; doz. \$3.50

Extra-Early Double Large-flowered

Abundance. A wonderful new salmon-red with golden reverse. Exceptionally free-flowering, compact plant.

Aglow. Double flowers of deep bright orange color. Very brilliant.

Carrie. A most satisfactory deep canary-yellow.

Glorietta. Very double; ball-shaped; light pink. Dwarf and free.

La Somme. Very dependable early mauve-pink.

Tasiva. Large, free-flowering, pure white of compact form.

All above varieties, each 25c.; 3, 70c.; doz. \$2.50

Hardy Single-flowered

Lovelight. Large, pale pink, duplex flowers on a vigorous plant.

Nancy Copeland. A brilliant red Korean Hybrid with wiry stems.

Princess. By all odds the best single white Chrysanthemum among the thousands we have raised. Early and large.

Sensation. Single yellow with every petal tipped scarlet. Very showy and reliable.

The Chief. An extremely attractive semi-double variety of large size. Brilliant scarlet and gold.

Venus. Single; lilac-pink with lavender shading.

All above varieties, each 25c.; 3, 70c.; doz. \$2.50

Cushion Type

Amelia (Pink Cushion). Very compact and early. Free-flowering light rose. Should be kept pruned back until early August for best results.

King Cushion. Identical with Amelia excepting that the flowers are deep bronzy salmon with a suffusion of rose.

Pigmy Gold. A very distinct dwarf double yellow Korean Pompon growing not over 15 inches tall and producing a great profusion of bright yellow flowers during September and October. A great acquisition and wonderfully appropriate companion to the Cushion varieties.

Queen Cushion. The same type as Amelia and King Cushion but producing pure white flowers.

White Gull. This variety is distinctly of the Cushion type in growth but the flowers, which are pure white, are more of a pompon shape.

All above varieties, each 30c.; 3, 85c.; doz. \$3.00

Spoon Chrysanthemums

This new race of Chrysanthemums is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name. The structure of the whole flower is of pleasing form and the color range includes pink, white and yellow. Why not plant some of these new Chrysanthemums in your perennial border this year?

Pink Spoon
White Spoon
Yellow Spoon

1 each of 3 varieties.....\$1 00
3 each of 3 varieties..... 2 50

Hardy Chrysanthemums are Nature's parting gift to autumn

Centaurea

Montana. Mountain Bluet. Grows 2 feet high, bearing large violet-blue flowers from July to September.

Montana alba. Pure white form of above.

All *Centaureas*, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

*Cerastium • Snow-in-Summer

Tomentosum. Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

*Cheiranthus

Allioni. Siberian Wallflower. An excellent rock-plant growing about 1 foot high and producing an abundance of brilliant orange flowers in June. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

Chrysoboltonia Pulcherrima

A very showy and easily grown garden perennial. Perfectly hardy, growing about 2 feet high. The graceful flowers are bluish-white with generous pink shading. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Cimicifuga

Racemosa simplex. Snakeroot. A valuable plant on account of its late-flowering habit, beginning in September and attaining full perfection in late October. The graceful white flower spikes last a long time when cut. Each \$1.00; 3, \$2.75; doz. \$10.00.

Shrubby Clematis

Davidiana. A most desirable variety with fresh, bright green foliage and very fragrant, bell-shaped, deep lavender-blue flowers during August and September. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Coreopsis

★**Auriculata nana.** A compact, dwarf form producing deep golden orange flowers on stems 8 to 10 inches high, from May until fall. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Lanceolata grandiflora. Flowers rich golden yellow, of graceful form, making them fine for cutting. June till October. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

Sunburst Improved. Unusually large double flowers on long stems, fine for cutting. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Convolvulus

★**Mauritanicus.** Mats of blue Morning-Glories from early June until frost. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Coronilla

Cappadocica. A glaucous mat emblazoned with a coronet of golden, pea-shaped flowers during late May, June, and July. Best in full sun. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Cytisus Andreanus Hybrids

We offer a valuable collection of these gorgeous Brooms of recent introduction. The large pea-shaped flowers are produced on long racemes.

Arlesienne. Amber-orange overlaid with crimson. Each \$1.00.

Monterey. A warm coppery orange. Each \$1.00.

Rosenante. Veined satiny cream, overlaid with heavy markings of mahogany. Each \$1.00.

Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves, and all the subtle nuances relating these shades.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

Named Varieties of Michell's New Modern Delphiniums

Advancement. Strikingly beautiful color—rich mauve. Each \$3.00.

Blue Queen. Single. Azure-blue, with blackish brown center.

Clive Greaves. Rich porcelain-blue flowers of good form.

Constance. A lovely blue single, with white eye.

Countess Cowley. Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form.

Edward Bromet. The purplish blue ground is rich and the white eye extremely large. 5 ft.

Glory. Mauve, shaded rose. 4 ft.

Great Strides. Pale blue, shaded mauve, with a white eye.

Happy Thought. Medium blue, shaded pansy-violet. 5 ft.

Mrs. A. J. Watson. Deep mauve shade with black center.

Mrs. Norman Holden. Large, semi-double flowers of mauve and blue with large black eye. An excellent variety. 5 ft.

Mrs. Shirley. Lovely lilac-mauve, white and sulphur eye.

Mrs. Townley Parker. Sky-blue, single, with white eye.

Norah Phillips. A gorgeous effect of deep blue and purple florets on a tapering 6-foot spike.

Pacific Giants. This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants, Each 75c.; 3, \$2.00; doz. \$7.50.

R. A. Pilkington. Rich violet, edged dark blue, with brown eye. Spike well formed. 5 ft.

The Bishop. Bright royal blue, white center. 5 ft.

The Shah. A deep rosy lavender self with dark eye. 5 ft.

Tower of Snow. These are grown from the finest hand-pollinated white hybrid Delphiniums. The spikes are long and imposing. Strong plants, each 75c.; 3, \$2.00; doz. \$7.50.

Watkin Samuels. Rich blue and mauve. Each \$3.00.

All named varieties of Michell's New Modern Delphiniums, except where noted, each \$1.50

Young plants, from 3½-inch pots, that will flower in July and August, each \$1.00

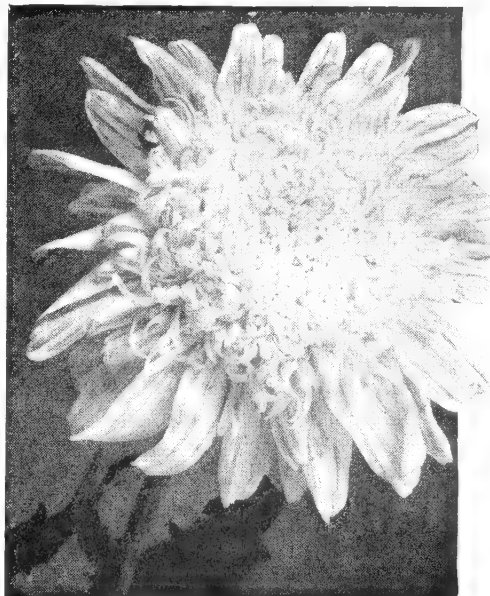
Other Delphiniums on page 80



Dianthus (Pinks)



Gaillardia, Ruby (Blanket Flower)
Each 50c.; 3, \$1.35



Shasta Daisy, Esther Reed
Each 50c.; 3, \$1.35

Named Delphiniums are the latest fashion in Perennial Gardens



Michell's Modern Hybrid Delphiniums

Michell's New Delphiniums

A welcome innovation is the following offer of the Hollyhock Delphiniums released in four separate color groups. These plants are grown from the identical strain which comprises our well-known Named Delphiniums. The plants are all heavy, field-grown.

Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, or Mixed, each \$1.25; 3, \$3.50; doz. \$13.50.

Standard Hardy Delphiniums

Belladonna. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Belladonna, Improved Cliveden Beauty. A magnificent strain of the pure blue Delphinium, producing long spikes during June and July and again in fall. Each 35c.; 3, \$1.00; doz. \$3.50.

Bellamosum. A dark blue form of Belladonna, with which it is identical except in color, which is a rich deep blue.

Chinensis. A very pretty variety with fine fern-like foliage and intense gentian-blue flowers in open panicles.

Chinensis grandiflorum, Blue Mirror. A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost. This is a true perennial and is exceedingly hardy, wintering successfully low temperatures of 16 below zero. A true joy for every part of the garden. Each 40c.; 3, \$1.15; doz. \$4.00.

Chinensis, Mother of Pearl. A pale silvery pink companion. Also spurless. Very chaste and lovely. Each 40c.; 3, \$1.15; doz. \$4.00.

All Standard Hardy Delphiniums, unless noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Michell's Gold Medal Hybrids, Mixed. The plants are of strong, vigorous habit, with large flowers on long spikes. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$5.50.

Paramount Hybrids. These are also selections from our Hollyhock strain but can be supplied in mixed colors only. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

New Shasta Daisies

Alaska. Blooms 4½ to 5 inches across, of pure glistening white, in bloom all summer and fall. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Chiffon. A daintily frilled Shasta which grows about 1½ feet high. Its flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is clear yellow and the flower is about 3 inches in diameter. Each 50c.; 3, \$1.35; doz. \$5.00.

Esther Reed. A new, double, snow-white Shasta Daisy that grows 15 to 18 inches tall and blooms freely throughout the summer. Flowers are about 4 inches across and full double from the center out. Each 50c.; 3, \$1.35; doz. \$5.00.

Mount Shasta. A beautiful pure white, high-crested, full double Shasta Daisy with a double row of overlapping petals 4 inches in diameter. Blooms continuously from late spring till frost. Sturdy and erect stem 20 to 24 inches long. Excellent for cutting and show garden. Each 75c.; 3, \$2.00; doz. \$7.50.

Snowdrift. A giant form of the variety Chiffon with exceedingly long stem. Purest white flowers, semi-double, frilled at the edges, with a golden yellow center. Steadily in bloom. Each 50c.; 3, \$1.35; doz. \$5.00.

White Swan. Here is a Daisy that will compare with the double pyrethrums. It produces solid, double, pure white flowers on wiry stems 1½ to 2 feet long during late May and early June. Each 35c.; 3, \$1.00; doz. \$3.50.

*Dianthus • Pinks

Cæsius. Cheddar Pink. (*True.*) Compact cushions of blue-gray foliage with sweetly scented rose-pink flowers during May and June. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Delight. A cross between *Dianthus Roysi* and Sweet Wivelsfield. The plant is dwarf and compact and is covered with many flowers of exquisite coloring. Each 40c.; 3, \$1.15; doz. \$4.00; 25, \$7.50.

Loveliness. Delicate mauve-pink flowers from May on through the summer. Very fragrant. Each 40c.; 3, \$1.15; doz. \$4.00; 25, \$7.50.

Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Spectabilis. Bleeding-Heart; Seal Flower. Its long sprays of graceful, heart-shaped flowers are always attractive. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Digitalis • Foxglove

Giant Shirley, Mixed. These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Dictamnus • Gas Plant

Fraxinella caucasica. A showy border plant with spikes of pink flowers. Fragrant foliage. 2 to 3 ft. July.

Fraxinella alba. The white-flowered variety of the above. 2 to 3 ft.

All Dictamnus, each 40c.; 3, \$1.15; doz. \$4.00; 25, \$7.50.

Doronicum • Leopards-Bane

Bunch of Gold. Canary-yellow sun discs on 24-inch stems. May and June.

Excelsum. A very showy, daisy-like flower of clear bright yellow, excellent for cutting. Blooms in April and May.

All Doronicum, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Erodium

Chamædryoides roseum. Forms tufts of pretty glossy leaves covered with delicate pink, veined flowers on 2-inch stems. Plant in full sun. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Eupatorium

Cœlestinum. A pretty hardy plant with light blue flowers similar to ageratum. Flowers in September. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Fuchsia

Magellanica. This most interesting shrub has proved to be perfectly hardy. It is in bloom all summer long until stopped by frost. The ruby-red, pendulous flowers are produced by the hundreds. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Riccartoni, Scarlet Beauty. This improved variety of hardy Fuchsia is of upright habit and blooms freely during the entire summer. While it will stand full sunlight, it will reach perfection in semi-shade. The four sepals are deep purple, the corolla bright ruby-red. Requires some protection north of Philadelphia. Each 65c.; 3, \$1.50; doz. \$6.00.

Funkia (Hosta)

Plantain Lily; Day-Lily

Subcordata grandiflora. Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept.

Undulata media picta. Green and white varied foliage. Purple flowers. 2 ft. July.

All Funkias, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Try these new Gaillardias; they are long-lasting cut-flowers

Gaillardia • Blanket Flower

Grandiflora. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Mr. Sherbrook. The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color.

Ruby. This is a brilliant red with no trace of yellow or brown in its make-up. Blooming all summer, as do few other perennials.

Sun God. This glorious Blanket Flower never fails to attract attention. The plants are of neat, upright growth, about 2 feet tall. Foliage gray-green with flowers of pure golden yellow, free from marking of any kind.

Any of the above, except where noted, each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50



Geum, Fire Opal
Each 50c.; 3, \$1.35



Iberis (Candytuft)
Each 35c.; 3, \$1.00

Genista

Hispanica, Golden Dawn. This variety is a gem for the garden, producing effulgent masses of bright golden yellow flowers during May.

Prostrata. A spring shrublet which hugs the ground discreetly. In late May and June it produces masses of yellow, pea-shaped flowers.

All Genista, each 75c.; 3, \$2.00; doz. \$7.50; 25, \$13.50

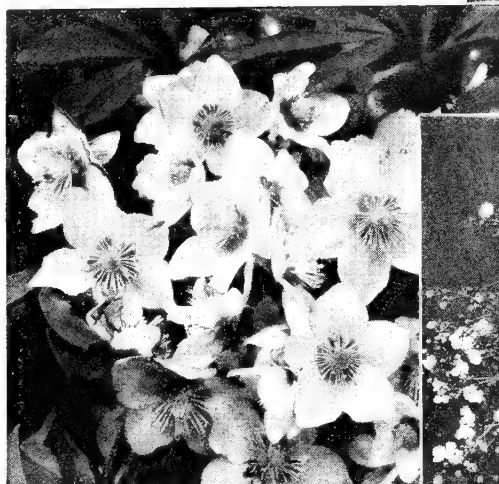
★Geum • Avens

Borisi. Forms neat foliage tufts with many branched stems 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. May-Oct.

Princess Juliana. An excellent new hybrid with large, double, pure orange flowers on stout stems. Early June-Oct.

Any of the above, each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50



Helleborus niger
Each \$1.00; 3, \$2.75



Gypsophila repens Bodgeri
Each 50c.; 3, \$1.35

Gentiana

★**Acaulis.** Stemless Gentian. Very large, bell-shaped, rich blue flowers, marked on the inside with yellow, rising 2 to 4 inches high from rosettes of glossy, deep green leaves in May and June. Each 75c.; 3, \$2.00; doz. \$7.50; 25, \$13.50.

Septemfida. A gorgeous variety with handsome blue flowers produced freely during the summer. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Gypsophila • Baby's Breath

Bristol Fairy. A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost.

Oldhamiana. Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft.

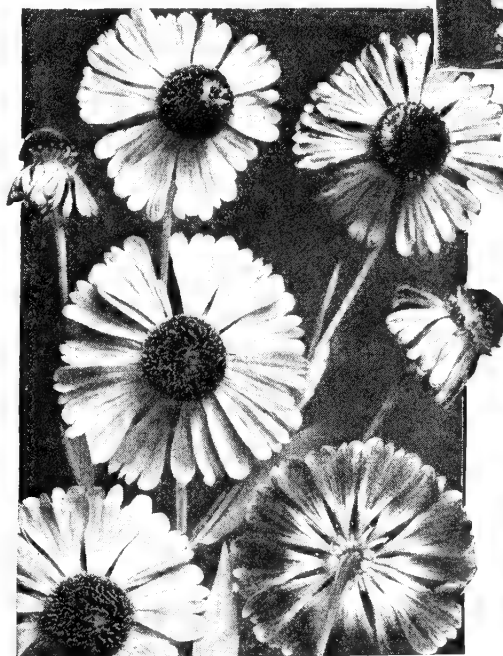
Paniculata. Feathery sprays of white flowers. Useful for effects in bouquets. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Repens Bodgeri. A new, dwarf, double white Gypsophila, tinted pink, attaining a height of about 2 feet.

Rosy Veil. Dwarf. A real pink, free-flowering, double Gypsophila. Flowers are about the same size as Bristol Fairy and bloom continuously until frost.

All Gypsophilas, except where noted, each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50

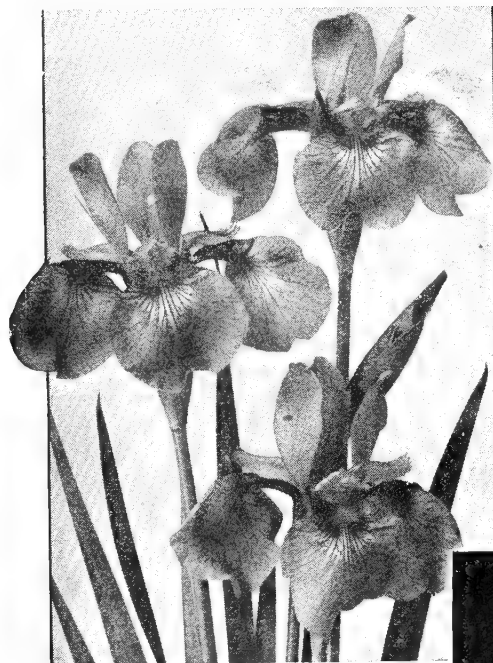


Helenium, Riverton Beauty
Each 35c.; 3, \$1.00



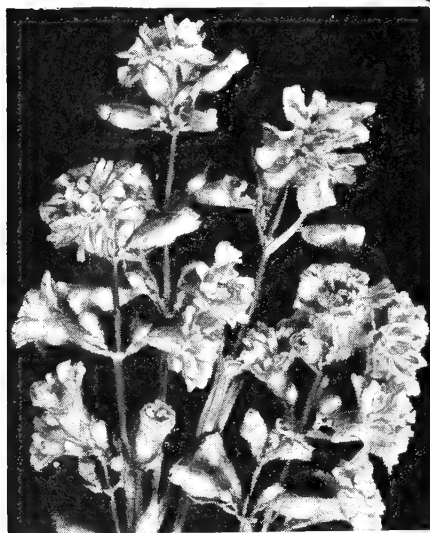
Iris cristata
Each 30c.; 3, 85c.

The New Hybrid Hemerocallis belong in everybody's garden



Iris sibirica
Each 30c.; 3, 85c.

Linum perenne. Each 30c.; 3, 85c.



Lychnis (Campion)
Each 35c.; 3, \$1.00

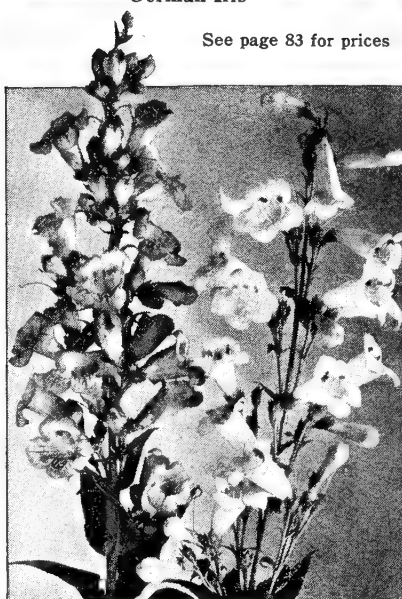


German Iris

See page 83 for prices



Lupins. Each 35c.; 3, \$1.00



Pentstemon. Each 30c.; 3, 85c.

Helleborus

Niger. Christmas Rose. Particularly valuable hardy plants on account of their very early flowering. Flowers white, flushed with purple, about 2 inches in diameter. 1 ft. Each \$1.00; 3, \$2.75; doz. \$10.00; 25, \$18.00.

Helenium • Sneezewort

Autumnale nanum luteum. Very erect, strong branching habit. Large, pure yellow flowers. 3 ft.

Autumnale rubrum. Bright terra-cotta red. 4 ft.

Moerheim Beauty. A valuable border plant of erect, strong habit. Broad bronzy red petals, shading to orange at the tips. Aug., Sept. 2½ ft.

Peregrina. Blooms shining dark mahogany with the edges of the petals faintly seamed golden yellow. A most impressive July- and August-flowering perennial, excellent for cutting. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Riverton Beauty. Rich lemon-yellow, with large purplish black cone. 4 ft. Aug., Sept.

All Heleniums, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

*Helianthemum Rock- or Sun-Rose

Perry's Hybrids. Low-growing, evergreen plants, forming broad clumps which, during their flowering season, July to September are hidden by a mass of bloom. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Helianthus Hardy Sunflower

Coronation. Double yellow flowers, 4 inches across, with anemone centers. All summer. 4 to 5 ft. Each 40c.; 3, \$1.15; doz. \$4.00.

Loddon Gold. Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting. Each 40c.; 3, \$1.15; doz. \$4.00.

Multiflorus fl.-pl. Large, double, golden yellow flowers. July, Aug. 4 ft. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Heliopsis

Incomparabilis. The flowers are a rich golden yellow, nearly double, and over 3 inches in diameter. In flower continuously from July until autumn. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Patula. Deep golden blooms, 4 inches across, produced from June until hard frost. 3 ft. Each 50c.; 3, \$1.35; doz. \$5.00.

The New Hybrid Hemerocallis

Bay State. Medium-sized flowers of pure deep rich yellow. Late June. Each 35c.; 3, \$1.00; doz. \$3.50.

Dazzler. Large flowers of a rich deep golden yellow. Early July. Each 75c.; 3, \$2.00; doz. \$7.50.

D. D. Wyman. A graceful bloom of light golden yellow with tawny splash across center of petal. July. Each 50c.; 3, \$1.35; doz. \$5.00.

Dover. Well-formed, graceful, golden yellow flowers during May and June. Each 40c.; 3, \$1.15; doz. \$4.00.

George Yeld. The three outer petals are of rich orange, while the inner petals are flushed and mottled with orange-scarlet. Each 40c.; 3, \$1.15; doz. \$4.00.

Gypsy. The color is deep orange with reddish shadings. It is not a large flower but the form is exquisite. Each 40c.; 3, \$1.15; doz. \$4.00.

Other Hemerocallis on page 83

Who does not love the Iris? Here are the best varieties

Hemerocallis, continued

Hyperion. The flowers are a fine citron-yellow, produced in great numbers on stout stems about 40 inches tall. Each 50c.; 3, \$1.35; doz. \$5.00.

J. A. Crawford. The flowers are of fine size and a brilliant combination of apricot and cadmium-yellow. Early July. Each 35c.; 3, \$1.00; doz. \$3.50.

Lemona. Broad-petaled recurved clear canary-yellow flowers of excellent form. Mid-June and July. Each 35c.; 3, \$1.00; doz. \$3.50.

Mikado. Large, deep orange with lower petals marked maroon. Early June. Each 60c.; 3, \$1.60; doz. \$6.00.

Mrs. W. H. Wyman. Very fine round clear gold flowers during July and August. Each 35c.; 3, \$1.00; doz. \$3.50.

The Gem. Medium-sized flowers of clear gold in late June and July. Each 35c.; 3, \$1.00; doz. \$3.50.

*Heuchera

Alum-Root, Coral Bells

Rosamonde. Pleasing coral-pink flowers on long stems. June-Sept. 2 ft.

Sanguinea, Pluie de Feu. Exceedingly bright fiery red flowers in loose, elegant, graceful spikes. June, July. 1½ ft.

Sanguinea Hybrids. A wonderful range of colors from white through the various shades of pink to deepest red.

All Heucheras, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Hibiscus • Mallow

Giant-flowering. A wonderfully improved form of our greatly admired Marsh Malloes. Beautiful laciniated foliage and monstrous flowers. We offer these in separate colors: Pink, Red, and White. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Hollyhocks

Double. Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White.

Single, Mixed. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Hypericum • St. John's-Wort

Moserianum. Free flowering. Large flowers 2 to 2½ inches in diameter, rich golden yellow. 2 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Iberis • Hardy Candytuft

Little Gem. A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May.

Sempervirens. Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants.

All Iberis, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Iris Cristata • Crested Dwarf Iris

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Iris Ochroleuca

New California Type

Recently it was brought to our attention that this type of Iris is of great value for cut-flower purposes. They are exceptionally hardy and will grow in fairly heavy or loamy soil; moisture is beneficial. We are pleased to offer the following range of colors: blue, lavender, yellow, and white. Each 50c.; 3, \$1.35; doz. \$5.00.

Iris Germanica • Fleur de Lis

TEN CHOICE IRIS GERMANICA

Alta California. Holds its place as one of the most worthwhile and sensational Iris grown. It is the tallest of all the new yellow Iris and its branching qualifies it for "A" rating either as an individual stalk or as mass bloom. Yellow Iris have long been recognized as being the "spark" that brings out the fullest beauty of any Iris garden and Alta California serves this purpose to perfection. 48 in.

Buechley's Giant. Early. An Iris giant in size and height and one of the ten largest and best. Huge, brilliant flowers of perfect form in a soft to medium blue effect. 50 in.

Coppersmith. A very tall and robust-growing Iris. Not a new variety but worthy of a place in the garden because of its freedom of bloom, large rich copper-bronze flowers, and good foliage.

Depute Nomblot. Standards light bronzy rose-purple; falls rosy red. 48 in.

Indian Chief. Early. Without a peer among the medium tall reds of its color shade and blooms earlier than most when good "red" Iris are scarce. Bronzy violet standards with falls of Dahlia-carmine. A good doer everywhere and should be in every garden. 32 in.

Jean Cayeux. A smooth soft light buff described as "coffee-colored." Tall and very stately. 36 in.

Los Angeles. The whiteness of fresh snow with a faint edge of lavender. 40 in.

President Pilkington. Midseason. Large, of bold form, well-branched, many buds to stalk and medium tall. Standards vinaceous buff underlaid old-gold, with falls of soft violet faintly edged silvery brown. The elegant dignity of this Iris gives it a charm that is difficult to describe. 40 in.

Venus de Milo. Gigantic new white. Considered by many as the best white. A perfect flower in every way. 36 in.

William Mohr. Early. Most orchid-like of all Iris, this unusual hybrid is the most distinct variety grown. The leaves always are small but the flowers are simply immense. The ground-color is pale lilac, standards flushed darker, the whole flower beautifully veined manganese-violet. Stems strong and rigid, 20 to 24 inches, usually four flowers on each.

Any of the above, each 35c.; 3, \$1.00; doz. \$3.50

Iris Kaempferi

Astarte. Beautiful double dark violet; good strong grower. It is a valuable variety for the reason that it flowers about two weeks after most of the others are through, thus lengthening the Iris season.

Betty F. Holmes. Large double pure white flowers with lemon-yellow midribs. Foliage is a striking deep green and very graceful.

Gold Bound. Double; creamy white with gold band through each petal.

Hercule. Double; clear lilac-blue.

Jeanette Parry. A large single flower with white falls, delicately veined soft blue, tiny mulberry-purple standards. Grows to a height of 30 inches.

Lucia Marshall. A fine large double pansy-violet with white veins; center of flower white with yellow spots.

Mahogany. Large double blooms of purple-mahogany-red. Late.

Melpomene. Semi-double; red with heavy white veins; stigmas cream, edged with violet-rose.

Purple and Gold. Rich violet-purple with golden throat; double.

Repsime. Giant double light blue flowers with white margins; stigmas ivory. A most unusual and attractive effect.

Iris Kaempferi, continued

Rose Anna. Double; ivory-white with heavy ruby-red veins and conspicuous yellow blotch; stigmas dark plum.

Rose H. Scheepers. Double; mauve-gray, overlaid with blue.

All Iris Kaempferi, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

*Iris Pumila Hybrida

An early-flowering type, growing from 10 to 12 inches high.

Cyanea. Rich royal purple. 10 in.

Excelsa. A splendid soft lemon-yellow flower of graceful form. 10 to 12 in.

Schneekuppe. Pure white. 8 in.

All Iris pumila hybrida, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Iris Sibirica

Perry's Blue. A worthwhile variety with very large, clear blue flowers on long stems.

Snow Queen. Pure white. 24 in.

Both Iris sibirica, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Iris Verna

A delightful companion to the chaste *Iris cristata*. The flowers are of a deeper hue and delightfully fragrant. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Lavandula • Lavender

Vera. The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Liatris • Blazing Star; Gayfeather

Pycnostachya. Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft.

Scariosa. Deep purple flowers. 3 to 4 ft.

Scariosa alba. A white variety of this beautiful and unusual species. The showy white spikes create a most striking effect. Each 50c.; 3, \$1.35; doz. \$5.00.

September Glory. It is very showy, the purple flowers being produced on extra-long spikes during late August and September. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

All Liatris, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

*Linum • Flax

Flavum, Improved. Golden yellow flowers produced freely from early May on. Each 35c.; 3, \$1.00; doz. \$3.50.

Perenne. Light, graceful foliage and large blue flowers all summer. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

*Lithospermum • Gromwell

Prostratum, Heavenly Blue. This delightful alpine shrublet produces mats of dark green foliage and many sky-blue flowers during spring and early summer. Each 75c.; 3, \$2.00; doz. \$7.50; 25, \$13.50.

Lobelia

Cardinalis. Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Lupinus • Lupins

Polyphyllus. These flower in May and June and are 3 to 4 feet high. **Blue** (very showy), **White**, or **Pink**. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

RUSSELL LUPINS

This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. Each 75c.; 3, \$2.00; doz. \$7.50; 25, \$13.50.

Lysimachia

★**Nummularia.** Creeping Jenny; Moneywort. Valuable for planting under trees or shrubs where grass will not grow. It quickly forms a dense carpet. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Lychnis • Campion

Arkwrighti. Extra-large flowers in red shades. June-flowering. 9 in.

Chalcedonica. A most desirable plant with heads of brilliant orange-scarlet flowers in June and July. 2 to 3 ft.

Viscaria splendens fl.-pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome deep red flowers. 1 ft.

Any of the above Lychnis, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Lythrum

Salicaria roseum superbum. Rose Loosestrife. A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers. July to September. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Matricaria • Feverfew

Little Gem. Pure white, double flowers, fine for cutting. 1 ft. July, Aug. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

★Mazus

Rugosus. Loose, trailing masses of blue and white flowers, speckled with gold in the throat. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

★Menziesia

Polifolia. Irish Heath. A pretty heath-like plant well adapted for the rockery or borders of evergreen shrubs. Makes an attractive low hedge with a little trimming. Each 60c.; 3, \$1.65; doz. \$6.00; 25, \$10.50.

Mertensia • Bluebells

Virginica. An early spring-flowering plant growing 1 to 1½ feet high, with drooping panicles of light blue flowers fading to clear pink. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

Monarda • Bergamot

Didyma, Cambridge Scarlet. Oswego Tea. Crimson-scarlet. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

★Myosotis • Forget-Me-Not

Palustris semperflorens. Perpetual-flowering Forget-Me-Not. Blue with yellow throat. 9 in. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

Michell's Giant-Flowering Peonies

Baroness Schroeder. A tall midseason Peony with large, globular, flesh-white blooms. Each 75c.

Edulis Superba. This is the only Peony offered that is rated under 8, and there is no reason why it should carry this low rating as it is really a good Peony—early, free-flowering, and a fine cut-flower in the dark pink class. Each 50c.

Felix Crousse. Late midseason red Peony. Probably the largest seller of all in its color. Each 50c.

Festiva Maxima. One of the oldest of the white Peonies and some say the very best white yet produced. A sure bloomer. Early. Each 50c.

Karl Rosenfield. Tall; midseason. Globular semi-rose type flowers of bright crimson. Each 75c.

Kelway's Glorious. Creamy white with slight flecks of crimson. Very fragrant and considered one of the very best white Peonies. Late midseason. Each \$1.50.

Mary Brand. Dark clear crimson. A very free-flowering Peony and where quantities of red flowers are wanted this is an excellent one to handle. Midseason. Each 50c.

Longfellow. One of the most popular red varieties because of its distinct fadeless color and general dependability, both for cutting and garden decoration. Comes into bloom early midseason. Excellent foliage and long stiff stems. Each \$1.00.

Mons. Jules Elie. A large early-flowering Peony. One of the very best for cutting. Pale lilac-rose with an attractive silvery reflex. Each 60c.

Reine Hortense. A very large pink, with rather flat bloom. Considered one of the very best of the cut-flower varieties. Free-flowering. Blooms in midseason. Each 60c.

Sarah Bernhardt. Very large, late rose-pink flowers. One of the very best for exhibition and cutting on account of its perfectly formed flowers and graceful stems. Blooms very freely. Each 60c.

Walter Faxon. Coral-pink—the most distinctive coloring of all Peonies. It is free-flowering and when picked in the bud and allowed to open inside its beauty is very striking. However, it fades quickly in sunlight and should be picked in the bud. Midseason. Each \$1.00.

★Nepeta

Mussini. A compact grower forming tufts of small violet-blue flowers during July and August.

Six Hills Hybrids. Masses of strong lavender-blue flowers in late August. Each 50c.; 3, \$1.35; doz. \$5.00.

Souv. d'Andre Chaudron. Large, rich lilac-blue flowers, June to September. 1 ft.

All Nepeta, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

★Nierembergia • Cup-Flower

Hippomanica. A truly beautiful plant forming cushions of light green foliage with salver-shaped flowers of delicate lavender hue with clear yellow eye. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Rivularis. White-Cup. A lovely dwarf creeping plant with large, cup-shaped flowers from June until September. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Oenothera • Evening Primrose

Illumination. A new everblooming Evening Primrose with deep golden yellow flowers and dark red buds in flat trusses. Each 50c.; 3, \$1.35; doz. \$5.00.

Missouriensis. Large, golden yellow flowers. 1 ft.

Yellow River. A highly improved form of *Fruticosa* major and more free-flowering. 8 to 10 in. All summer. Each 50c.; 3, \$1.35; doz. \$5.00.

Youngi. Bright yellow flowers. 1½ ft.

All Oenotheras, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Ophiopogon • Lily-Turf

Jaburan variegata. A pretty, variegated foliage plant. The narrow, dark green foliage is striped with gold and during July and August spikes of blue flowers add to its beauty. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

VARIETIES MARKED ★ ARE SUITABLE FOR ROCK-GARDENS

Omphalodes

Verna nana. A low-growing trailing plant producing drifts of blue, myosotis-like flowers on 6 to 8-inch stems from early spring on. Each 35c.; 3, \$1.00; doz. \$3.50.

Pachysandra

Terminalis. An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers. Strong plants, from 3-inch pots, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Papaver Alpinum

Like a small and more delicate Iceland Poppy, having flowers of white, pink, orange, or yellow, often delicately fringed. Grows about 4 inches high. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Iceland Poppies

Papaver nudicaule

Amurensis. Its flowers are about 3 inches in diameter, clear bright yellow, with lighter centers.

Coonara Pink. A charming warm rose-pink faintly suffused with salmon-pink. Flowers are freely produced on long, slender stems throughout the season.

Iceland Poppies, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Oriental Poppies

Papaver orientale

Beauty of Livermore. The finest dark crimson with jet-black blotch. Excellent flowers borne in great profusion.

Mrs. Perry. Beautiful large flowers in a soft shade of salmon-rose.

Olympia. New double variety. Brilliant scarlet flowers overlaid with golden salmon.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal.

Salmon Glow. Large, cup-shaped, double flowers resembling a double peony. Warm pink, overlaid with salmon. Small plants only. Each 50c.; 3, \$1.35; doz. \$5.00.

Wurtembergia. One of the finest rich orange-red varieties.

All Oriental Poppies, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Michell's Hardy Phlox

Count Zeppelin. Very large white flowers with deep crimson eye. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Daily Sketch. Extra-large trusses and individual flowers of light salmon-pink, with very faint carmine eyes. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Dr. Klemm. A very distinct new variety of dwarf, compact habit and healthy growth. The large individual flowers are white with a prominent diffused eye of rich violet. 18 in. Each 35c.; 3, \$1.00; doz. \$3.50.

E. I. Farrington. A most striking Phlox, growing about 2 feet high with large heads of beautiful salmon-pink flowers.

Enchantress. Bright salmon-pink; vigorous.

Ethel Pritchard. A delightful French-mauve Phlox. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Eva Foerster. Giant bright salmon-rose florets with large white centers, combining into immense trusses on dwarf, compact plants. Very attractive. 18 in. Each 35c.; 3, \$1.00; doz. \$3.50.

Firebrand. Bright vermilion-scarlet with deeper center; large trusses; strong grower.

Flash. Gorgeous carmine-crimson flowers with orange-scarlet centers. They are produced freely on vigorous plants of medium height. Very showy. 25 in. Each 35c.; 3, \$1.00; doz. \$3.50.

Harvest Fire. Tall, upright plants producing well-formed trusses of bright salmon-red flowers with distinct carmine eye. 30 in. Each 35c.; 3, \$1.00; doz. \$3.50.

Leo Schlageter. Well-branched, pyramidal clusters of large, bright carmine-scarlet flowers, with slightly darker centers. Each 35c.; 3, \$1.00; doz. \$3.50.

Lillian. Lovely pure pink without a trace of magenta or rose. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Mary Louise. Pure glistening snow-white heads of unusually large size. The individual flowers are twice as big as those of any other white Phlox. It is a good grower of medium height, with clean foliage. 25 in. Each 35c.; 3, \$1.00; doz. \$3.50.

Mia Ruys. Large trusses of pure white flowers. A dwarf, compact grower.

Mrs. William Jenkins. The best pure white.

Painted Lady. Silver-pink with salmon shadings and cherry-red eye.

P. D. Williams. Pyramidal trusses of enormous, soft apple-blossom-pink flowers, with darker centers. 2½ ft. Each 50c.; 3, \$1.35; doz. \$5.00.

Rheinlander. Deep salmon-pink, with a distinct bright red eye.

Salmon Glow. Flame-pink with salmon shadings, softened with lilac and white tints. Each 35c.; 3, \$1.00; doz. \$3.50.

Thor. Deep salmon-pink; a white halo surrounds the aniline-red eye.

All above Hardy Phlox, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

PHLOX COLLECTION

Daily Sketch	Flash
Dr. Klemm	Harvest Fire
Eva Foerster	Mary Louise

One each of 6 varieties \$2.00; three of each for \$5.50

Early-Flowering Varieties

Miss Lingard. Pure white, with a lilac eye. Very early. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Nivalis Seedling. The large flowers are a warm luscious pink with a bright zone. Each 50c.; 3, \$1.35; doz. \$5.00.

Rosalinda. Lovely soft amaranth-pink blooms from June until frost. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Stolonifera. Broad-leaved mats, producing dense heads of lavender flowers on 3-inch stems from early spring until July. Each 35c.; 3, \$1.00; doz. \$3.50.

Iceland Poppy. Each 35c.; 3, \$1.00



Oriental Poppy. Each 35c.; 3, \$1.00

*Phlox Subulata • Moss Pink

Alba. Evergreen foliage, close to the ground and covered with star-like white flowers in May.

Apple Blossom. Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers.

Atropurpurea. Rich French purple flowers. Very free flowering and outstanding.

Blue Hills. A uniform, compact grower giving an early crop of deep blue flowers.

Vivid. A new introduction with bright rose-colored flowers.

All Phlox subulata, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

New Compact Varieties

Alice Wilson. Bright lavender-blue.

Ronsdorf Beauty. Lovely pink with deep carmine center.

Snow White. Small, pure white flowers.

All New Compact Phlox, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Miscellaneous Hardy Phlox

★**Amœna.** A beautiful plant with soft rose-colored flowers. April, May.

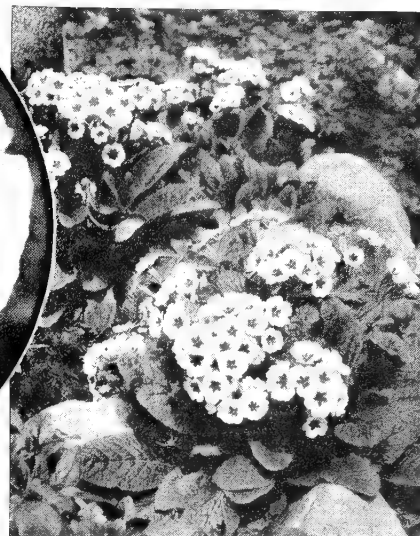
Divaricata (canadensis). The large heads of fragrant, lavender flowers appear the latter part of April and in May.

Divaricata Laphami. The plant is robust, the flowers large, and of a more intense shade of lavender-blue. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

All Miscellaneous Phlox, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50



Platycodon (Balloon Flower)
Each 30c.; 3, 85c.



Primula veris. Each 35c.; 3, \$1.00



Rudbeckia purpurea
Each 30c.; 3, 85c.

The Double Pyrethrums are unique cut-flowers for flower arrangement

Pentstemon • Beard-Tongue

Barbatus Torreyi. Spikes of brilliant scarlet flowers. 3 to 4 ft. June-Aug.

Blue Gem. A beautiful evergreen with spires of bright, tubular flowers shot with pink. 1½ ft. June, July. Each 50c.; 3, \$1.35; doz. \$5.00.

Coral Gem. Coral-pink flowers in large spikes.

Fireglow. A new free-flowering variety and highly recommended by experts. Very hardy. Each 50c.; 3, \$1.35; doz. \$5.00.

Garnet. Large, tubular flowers of rich garnet on graceful 18-inch stems from early June until frost. Each 50c.; 3, \$1.35; doz. \$5.00.

All Pentstemons, except where noted, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Physostegia • False Dragonhead

Grandiflora, Vivid. A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Physalis • Chinese Lantern Plant

Francheti. Dense bushes about 2 feet high, producing freely bright orange-scarlet, lantern-like fruits. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Platycodon • Balloon Flower

Grandiflorum. Deep blue, cupped, star-shaped flowers. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

*Plumbago • Leadwort

Larpenae. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Pulmonaria • Lungwort

Angustifolia azurea. Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. The attractive, funnel-shaped flowers are a deep gentian-blue. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Polemonium • Jacob's Ladder

Blue Pearl. Has elegant, deep green, finely cut foliage and showy spikes of attractive baby-blue flowers. April and May. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Primula • Hardy Primrose

Acaulis, Blue Shades. Large, single flowers in various shades of blue on strong stems.

Acaulis fl.-pl., Lavender Queen. A very free-flowering variety with double lavender flowers on 6 to 8-inch stems. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Auricula. The leathery leaves are particularly attractive and the large, round flowers come in appealing shades of many colors.

Beesiana. Whorls of velvety purple flowers during late May, June, and July. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Bulleyana. One of the loveliest of the Chinese section, with heads of terra-cotta to orange-yellow flowers produced in tiers. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Cashmeriana. The earliest Primrose to bloom in the spring. Deep orchid-lavender flowers in dense heads. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Giant Bouquet. Flowers are produced in great numbers and display an immense variety of colors, from white to cream, yellow, scarlet, purple and crimson.

Japonica, Etna. Whorls of glowing terra-cotta on 2-foot stems in May, June, July.

Primula, continued

Moerheimi. An excellent strain of Hybrid Japonica forms, in shades of yellow, orange, pink, and lilac, on stems 2 feet high. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Munstead Giants, Mixed. A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange.

Red Shades. The above strain in a variety of red hues.

Yellow Shades. Yellow varieties of the Munstead Strain.

Veris. English Cowslip. A mixture comprising the various shades of red and yellow.

Vulgaris. English Primrose. Trusses of light canary-yellow flowers on long stems.

All Primulas, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Pyrethrum Hybridum

Single-flowering, Mixed. A good old-fashioned perennial with flowers resembling colored daisies and blooming in June. Comes in mixture only, ranging from pure white to dark red. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Pyrethrum Double Pyrethrums

Brilliant. A glowing and striking crimson of exquisite form and texture.

Buckeye. Double flowers of a crushed raspberry color.

Lord Roseberry. Magnificent double flowers of a glowing pink.

Miami Queen. This luscious deep pink variety has won instant recognition for its merits.

Pink Bouquet. A robust, double Pyrethrum with large rosy pink flowers; white centers. 2½ ft.

Purity. Double; pale pink.

Victory. Probably the best double clear white.

All Double Pyrethrums, each 75c.; 3, \$2.00; doz. \$7.50; 25, \$13.50

Rudbeckia • Coneflower

Autumn Forest. The colors are a fine blending of the autumnal tints of red, brown, and bronze. In bloom from early July until October. Each 35c.; 3, \$1.00; doz. \$3.50.

Purpurea. Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. July to October. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

*Saxifraga • Saxifrage; Rockfoil

Cordifolia. Rosy pink flowers. Extra-strong plants. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Salvia • Sage

Azurea grandiflora. Rocky Mountain Sage. Sky-blue flowers in greatest profusion during August and September. 6 ft.

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft.

All Salvias, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Santolina • Lavender-Cotton

***Chamaecyparissus (incana).** A dwarf evergreen perennial with attractive, silvery white foliage. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Pinnata. An excellent variety for edging, producing compact mounds of deep green, highly aromatic foliage, overlaid with pale yellow flowers in summer. 8 in. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

*Saponaria • Soapwort

Ocymoides splendens. A good subject for the border or rockery, producing freely masses of bright rose-pink flowers. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Scabiosa

Caucasica. A delicate shade of lavender-blue, starting to flower in June and lasting well through the summer.

Caucasica, Giant Blue. Flowers large and with long stems, ranging from light lavender to dark blue.

Isaac House Giants. Lavender-blue flowers on strong 18-inch stems from June until September.

All Scabiosas, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Sedum • Stonecrop

*DWARF VARIETIES

Acre. Golden Moss. Green foliage and bright yellow flowers.

Album. Dark green foliage. Pure white flowers in June.

Lydium glaucum. Glaucous green foliage. Pink flowers.

Nevi. Compact rosettes of silver-gray, close-set into a mosaic. Pink flowers in mid-summer.

Sieboldi. Round, succulent, glaucous foliage. Bright pink flowers during August and September.

ERECT-GROWING SEDUMS

Spectabile. A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

Spectabile, Brilliant. A rich-colored form of the above, being a bright amaranth-red.

All Sedums, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Sidalcea

Rose Queen. Bright rose-colored, mallow-like flowers during June and July. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Stachys • Woundwort

Grandiflora (rosea). Large purple-rose flowers. 15 in. June, July. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

*Statice Limonium

Sea-Lavender

Latifolia. Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Stokesia • Cornflower Aster

Cyanea. The very light blue flower has the appearance of combining a giant cornflower and an aster. Blooms from June until frost.

Cyanea alba. Pure white form of above.

All Stokesias, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Sweet William

Dianthus barbatus

Mitchell's Prize Mixture. All colors. **Pink Beauty.** Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

Scarlet Beauty. A beautiful shade of deep scarlet.

All Sweet Williams, each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50

Viola, Jersey Gem, is a continuous-blooming border plant

Teucrium • Germander

Chamaedrys. An evergreen plant of dwarf, shrub-like habit with glossy, aromatic foliage. Spikes of purple flowers during July and August. 1 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Thalictrum • Meadow-Rue

Adiantifolium. A beautiful variety, with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Dipterocarpum. A distinguished variety with beautiful fern-like foliage and bearing a profusion of lilac-mauve blooms brightened by numerous yellow stamens. Aug., Sept. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Thermopsis

Caroliniana. A showy, tall-growing plant producing long spikes of yellow flowers during June and July. 3 ft. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Thymus • Thyme

Serpyllum albus. White Mountain Thyme. Forms dense mats of dark green foliage, with clouds of white flowers during June and July. 3 to 4 in.

Serpyllum coccineum. Scarlet Thyme. Dark green foliage and bright red flowers.

Serpyllum lanuginosus. Woolly-leaved Thyme. Grayish foliage with rosy lilac flowers.

Serpyllum vulgaris aurea (citriodorus aureus). The golden-leaved, lemon-scented Thyme.

All Thymus, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Trillium

Wood Lily; Wake-Robin

Grandiflorum. The largest white Trillium, and probably the handsomest, flowering in early spring. 1 to 1½ ft. Each 20c.; 3, 55c.; doz. \$2.00; 25, \$3.75.

Tritoma

Red-Hot-Poker, Flame Flower, Torch Lily

Mt. Etna. Of vigorous growth and remarkably free flowering. Blooms continuously from July until October, bearing enormous spikes of rich, glowing red flowers. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Pfitzeri. Everblooming Flame Flower. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Royal Castle Hybrids. These new hybrids contain a fine range of colors from deep orange to pale yellow. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Tower of Gold. A very distinct variety with beautiful, rich golden yellow and orange flowers in large trusses. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Trollius • Globe-Flower

Europæus. Desirable, free-flowering plants, producing their giant bright yellow, buttercup-like blossoms from May until August.

Ledebouri, Golden Queen. A very showy variety, blooming in June and July. The rich golden yellow globes, with their prominent anthers, have a decorative grace. 2½ to 3 ft. Each 50c.; doz. \$5.00.

Orange Prince. Large orange flowers during May and June.

All Trollius, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

*Tunica

Saxifraga rosea fl.-pl. A pretty, double-flowering form of Saxifraga. Perpetual flowering from June until late in the fall. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Valeriana • Valerian

Officinalis. Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Verbena

Alpina (Maonetti pulchella). A delightful companion to the above, producing masses of flowers of a deep cherry-pink striped with white, from early May until frost.

Peruviana. Brilliant red clusters produced in great profusion from early May until October.

All Verbenas, each 35c.; 3, \$1.00; doz. \$3.50

Veronica • Speedwell

Amethystina. Amethyst-blue flowers on short spikes. 2 ft. May, June.

Blue Spire. A hybrid of *V. longifolia sub-sessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Erica, Blue. A neat, semi-dwarf form producing fine bushlets of dark green, covered with spires of gentian-blue during June and July. 1 ft.

Erica, Pink. A lovely pink form of the above, in bloom during June and July.

***Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

Longifolia subsessilis. Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.-Oct.

***Rupestris, Heavenly Blue.** Dwarf and spreading. Flowers very early, of an exquisite shade of blue.

***Rupestris, True Blue.** Literally covers itself with blossoms of intense blue during June and July. 1 ft.

***Spicata.** Long spikes of bright blue flowers during June and July. 1½ ft.

All Veronicas, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Viola Odorata • Sweet Violet

DOUBLE RUSSIAN. Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

Viola Cornuta • Tufted Pansies Newer Hybrids

AVALANCHE. Large flowers of pure white. Continuous bloomer.

JERSEY GEM. Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

MAGGIE MOTT. Large lavender flowers, heavy with fragrance. Continuous blooming and dependable.

MARY EMMA. Exquisite yellow flowers of enormous size, slightly ruffled. Blooms continuously throughout the summer.

PURPLE GLORY. Extra-large, rosy purple flowers on stems 8 to 10 inches long.

WEDGWOOD. One of the best, producing beautiful Wedgwood-blue flowers. Each 50c.; 3, \$1.35; doz. \$5.00; 25, \$9.50.

YELLOW QUEEN. Another large-flowered type with deep pure yellow flowers.

All above Viola cornuta, except where noted, each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50

Improved Viola Cornuta

Apricot Queen. Apricot-yellow, tinged with orange. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Arkwright Ruby. This variety is of the large-flowered type. Beautiful bright rosy crimson blooms with terra-cotta shadings. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

Lutea splendens. Rich golden yellow. Each 25c.; 3, 70c.; doz. \$2.50; 25, \$4.50.

Violetta

Little Gem. This is a distinctly new race from England. Deep bluish purple flowers. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Vinca

Periwinkle; Trailing Myrtle

Alpina. This Vinca is a deep, glowing, velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

***Bowles Variety.** The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion. Each 30c.; 3, 85c.; doz. \$3.00; 25, \$5.50.

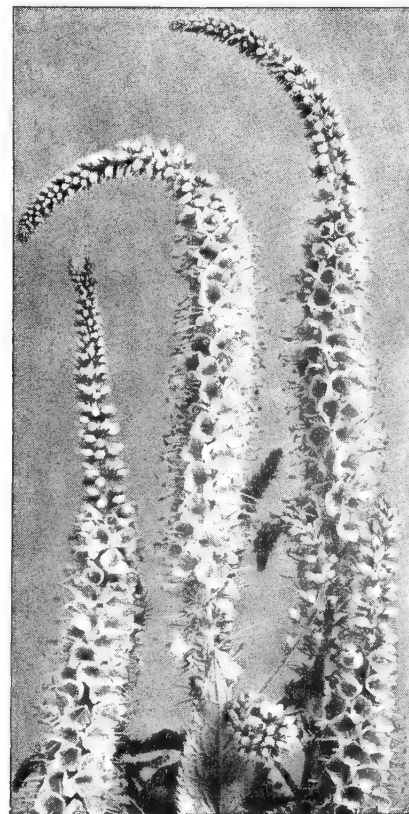
Minor. Green foliage. Lavender flowers. Extra-strong plants, each 20c.; 3, 55c.; doz. \$2.00; 25, \$3.50; 100, \$12.00.

Minor alba. A white-flowering form of the above. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Minor aurea. Golden variegated foliage and blue flowers. Each 35c.; 3, \$1.00; doz. \$3.50; 25, \$6.50.

Yucca • Adam's Needle

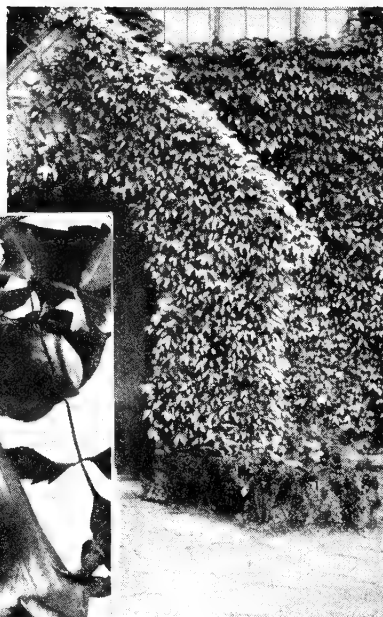
Filamentosa. White, with reflexed flower bells. Each 40c.; 3, \$1.15; doz. \$4.00; 25, \$7.50.



Veronica longifolia subsessilis



Bignonia



Ampelopsis



Hop-Vine (*Humulus japonicus*)



Loniceria japonica Halliana

Michell's Climbing Plants and Vines

Vines play an important part in the landscape of the home. They fill so many purposes there that we cannot recommend them too highly for general use.

AKEBIA quinata. Quick-growing vine with small, fine-lobed, half-evergreen leaves and purplish brown or chocolate-colored flowers which have a delicious odor. A desirable plant where dense shade is not desired. Extra-strong plants, each 50c.

AMPELOPSIS quinquefolia. Virginia Creeper. The large, handsome, dark green leaves are deeply cut into five lobes and in the autumn turn a beautiful rich crimson. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 50c.; 3, \$1.35; doz. \$5.00.

A. Veitchi. Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each 60c.; 3, \$1.65; doz. \$6.00.

ARISTOLOCHIA Sipo. Dutchman's-Pipe. Quick-growing vines with handsome light green leaves that give a quick, dense shade. Brown flowers shaped like a pipe bowl. July. Large plants, each \$1.00.

BIGNONIA grandiflora, Mme. Gallen. Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

CELASTRUS scandens. Bittersweet; Wax-wort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each 50c.; doz. \$5.00.

HONEYSUCKLE. See *Loniceria*.

HOP-VINE (*Humulus japonicus*). A rapid grower, with dark green foliage. Bears a profusion of seed-pods suitable for many domestic purposes. Strong pot-plants, each 35c.; 3, \$1.00; doz. \$3.50.

HYDRANGEA petiolaris. Climbing Hydrangea. An outstanding early summer-flowering vine with great flat panicles of white flowers and enduring foliage. Each \$1.00.

IVY, ENGLISH (*Hedera Helix*). Plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 2 1/4-in. pots, 15c. each; doz. \$1.50; 100, \$10.00. Plants from 4-in. pots, each 60c.; 3, \$1.65; doz. \$6.00.

Clematis

This family of climbing plants is probably more popular than any other. Some of the small-flowering varieties are exceedingly fragrant. The large-flowering types make a glorious effect on account of their gigantic blooms and striking appearance. All Clematis delight in an abundance of sunlight, rich soil, and plenty of water in dry weather. Great care should be exercised in planting the large-flowering varieties, for during the process the stem is likely to get broken below the eye-shoots, which would render the plant useless. To guard against this, place a few stakes around the plant to protect it after planting. In the winter put a covering of straw, long manure, or leaves around the roots.

OUTSTANDING VARIETIES

Montana rubra. Identical in every way with *C. montana undulata*, except that it is a pleasing shade of soft rosy red, a most desirable color. Strong plants, each 85c.

Montana undulata. Anemone Clematis. A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The anemone or windflower-like white flowers, flushed mauve, are from 1 1/2 to 2 inches in diameter and frequently begin to open the last week in April, just when wisterias have finished flowering, continuing well throughout May. The best of the early spring-flowering climbers. Strong plants, each 85c.

STANDARD VARIETIES

Texensis. The curious little urn-shaped flowers of reddish rose are quite different from those of their large-flowered relatives but are equally as beautiful. Rambling over a stone wall or fence they are especially pleasing. Each 85c.

Crispa. Sweet-scented, lavender flowers. Each 85c.

Henryi. Large, single, creamy white flowers, borne in great profusion. Extra-strong plants, each \$1.00.

Jackmani. Intensely colored, gigantic, violet-purple flowers. Extra-strong plants, each \$1.00.

Clematis, Duchess of Albany. Brilliant pink, lily-like flowers, trumpet-shaped at first, are produced in great quantities on a strong climbing plant from July to September. A progeny of the beautiful *Clematis texensis*. Each \$1.50.

Jouiniana, Spingarn Variety. Fragrant pale lavender flowers in long racemes characterize this late variety which blooms from August until frost calls a halt to all growth. (See front cover for color illustration.) Each \$1.25.

Lawsoniana. Another blue Clematis, but this one is flushed with mauve and is most attractive. Large flowers with overlapping petals, a long blooming season (June to September), and a strong, rich growth. (See front cover for color illustration.) Each \$1.25.

Duchess of Edinburgh. Double, pure white flowers make highlights in the shady garden and help to tone down the brilliant hues in the open border. The growth-habit of *Duchess of Edinburgh* suggests its use for pillar treatment. Each \$1.00.

Mrs. Cholmondeley. Usually described as wisteria-blue. A dainty six-petal variety and very free flowering. Each \$1.25.

Nellie Moser. Among the many excellent hybrids of *Clematis lanuginosa*, the so-called "Woolly-leaved Clematis," is *Nellie Moser*. Red bars accentuate the pale mauve and white petals. Truly an unusual flower, profuse in its bloom and vigorous in its growth (10 to 12 feet), this variety will bring new interest to the summer garden. Each \$1.25.

Paniculata. Japanese Virgin's Bower. A strong, luxuriant grower with light green foliage. At the end of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Extra-strong plants, each 50c.; doz. \$5.00.

Prins Hendrik. Orchid-blue with ruffled petals, the blooms are rich in texture and are very large. An outstanding variety. Each \$1.50.

Ramona. A beautiful shade of lavender-blue. Each \$1.00.

Ville de Lyon. Carmine-red. A very free-flowering and desirable variety. (See front cover for color illustration.) Each \$1.00.



BURGUNDY
35c. each

Colorful 'MUMS

to Plant
this
Spring



PINK SPOON, 35c. each

Here are seven of the finest
Hardy Chrysanthemums in a
wide range of form and color.
Plant them for long-stemmed
cut-flowers for next fall.

COLLECTION

One plant each of any 3 on
this page **\$1.00**

One plant each of the 7 va-
rieties on this page **\$2.00**



ACACIA, 35c. each



CYDONIA, 35c. each

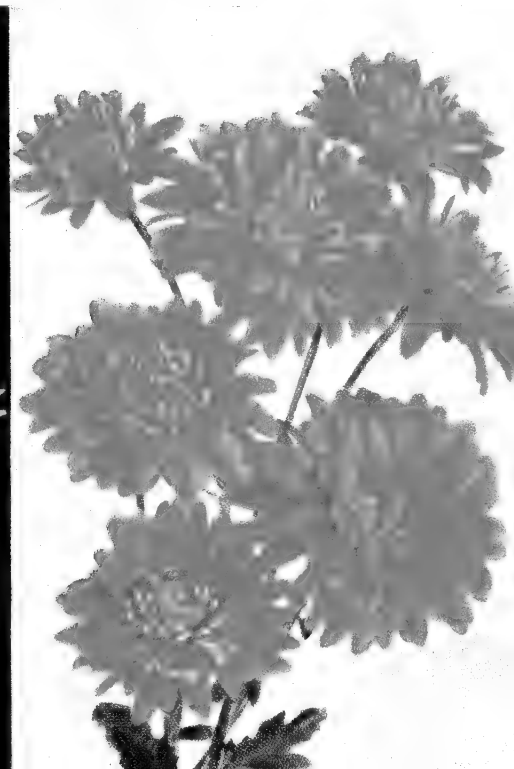
ROSE GLOW, 35c. each



PALE MOON, 35c. each



ROBERTA COPELAND, 35c. each



fine PERENNIALS

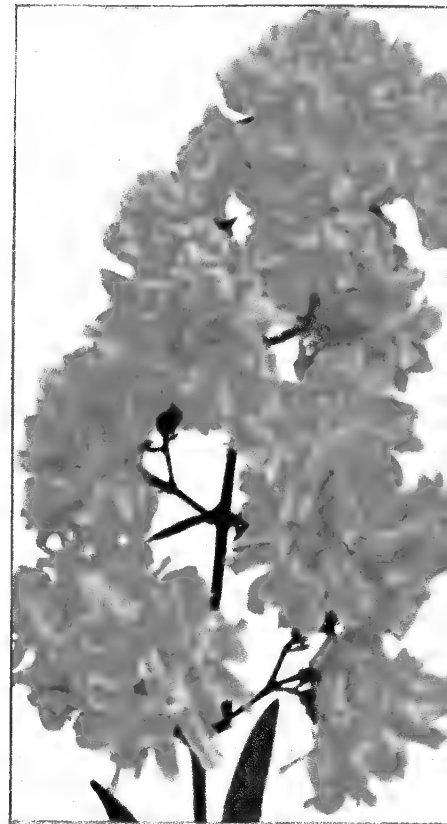
to Plant this Spring



PRIMULA veris
35c. each; 3 for \$1.00



AQUILEGIA, Crimson Star. 30c. each; 3 for 85c.



LYCHNIS Viscaria splendens
35c. each; 3 for \$1.00



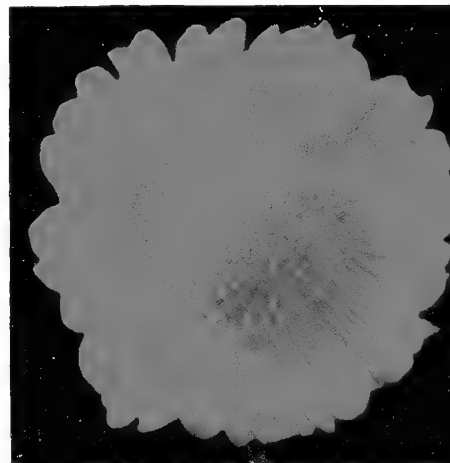
ASTER, Harrington's Pink
50c. each; 3 for \$1.35

COLLECTION OF PERENNIALS

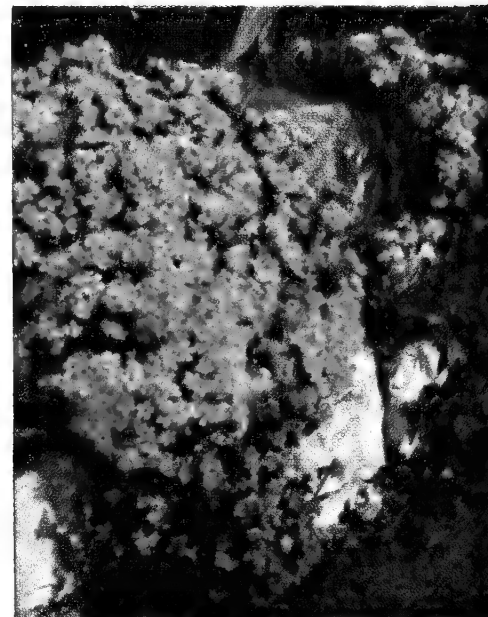
If you haven't a flower garden, start one with the collection pictured on this page. 3 plants of each would provide a nice display of lovely color.



ANCHUSA myosotidiflora
35c. each; 3 for \$1.00



GAILLARDIA, Sun God
50c. each; 3 for \$1.35



PHLOX subulata.
30c. each; 3 for 85c.

ONE EACH OF THE SEVEN VARIETIES \$2.25

New Red-leaved Barberry is different; you'll like it

MICHELL'S CLIMBING PLANTS AND VINES, continued

KUDZU VINE (*Pueraria Thunbergiana*).

This vine grows a foot a day and makes a dense covering that is exceedingly attractive. Toward the end of summer it produces small, rosy purple flowers. Each 35c.; 3, \$1.00; doz. \$3.50.

MOONFLOWER (*Ipomæa noctiflora*).

An annual vine with large pure white flowers that open toward evening and in the forenoon, frequently measuring 6 inches in diameter. Extra-strong plants, each 40c.; 3, \$1.15; doz. \$4.00.

Lonicera • Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

Japonica aureo-reticulata. Variegated Chinese Evergreen Honeysuckle. Foliage beautifully mottled yellow and green. Flowers white and yellow.

Japonica chinensis. Chinese Evergreen. Very fragrant, red, yellow and white variegated flowers the entire season.

Lonicera Japonica Halliana. Hall's Honey-suckle. Flowers pure white, turning to yellow; hardy evergreen, flowers from June until frost.

Tellmanniana. Golden Giant Honey-suckle. A vigorous, hardy climber with extra-large, intense golden yellow flowers, having the tube lightly shaded bronzy scarlet on the outside. Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants, each 75c.; 3, \$2.00; doz. \$7.50.

All Honeysuckles, except where noted, strong plants, each 50c.; 3, \$1.35; doz. \$5.00

LYCIUM chinensis. Matrimony Vine.

Dense-growing climber, somewhat shrubby in nature. The small purple flowers are followed in late summer by a crop of red berries, which remain until late winter. One of the best of plants to trail over rocks or for covering fences or walls. Each 50c.; 3, \$1.35; doz. \$5.00.

POLYGONUM Auberti. Chinese Fleece-vine. A useful vine for porches, lattice-work, fences, pergolas, and buildings. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall, but will ramble over anything that will support it. July, Aug. Extra-strong, pot-grown plants, each 60c.; 3, \$1.65; doz. \$6.00.

WISTERIA. This blooms in the latitude of Philadelphia during May. A strong, well-developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

W. sinensis. Chinese Wisteria. Pale blue, somewhat fragrant blooms. Extra-strong plants, each \$1.00.

W. sinensis alba. Beautiful white-flowering form of the above. Extra-strong plants, each \$1.00.

Michell's Choice Thrifty Hedge Plants

New Red-Leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese maples. As the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer and in the fall its foliage changes to vivid orange, scarlet, and red shades. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong plants, 15 to 18 in., each 35c.; 3, \$1.00; doz. \$3.50; 100, \$25.00.

Berberis Thunbergi

Barberry

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to pene-

trate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

	Each	Doz.	100
15 to 18-in. plants. . .	\$0 30	\$3 00	\$20 00
18 to 24-in. plants. . .	40	4 00	30 00

Boxwood

DWARF FOR EDGING

We have a quantity of nice, dwarf, bushy stock for edging beds and paths. Boxwood grows into value and adds a unique charm to the garden.

	Doz.	100
4 to 6 in.	\$3 50	\$25 00
6 to 8 in.	5 00	40 00

BUSH-SHAPED BOXWOOD

Best adapted for hedge planting. Extra-bushy plants.

	Each
12 to 15-in. plants	\$1 50
15 to 18-in. plants	2 00
18 to 24-in. plants	3 00

California Privet

The most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

1-yr., 1½ to 2-ft. plants, doz. \$1.00; 100, \$6.00; 1000, \$50.00. 2-yr., 2 to 2½-ft. plants, doz. \$1.50; 100, \$8.00; 1000, \$70.00. 2-yr., 2½ to 3-ft. plants, doz. \$2.00; 100, \$10.00; 1000, \$90.00.

Privet plants are best shipped by Express.

Golden or Variegated Privet

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. Bushy plants, each 50c.

Michell's Hardy Water-Lilies and Aquatic Plants

A select list of the most suitable varieties for all hardy water-garden purposes. Ready April 15 to June 1.

Water-Lilies

Aurora. Rosy yellow, changing to deep red on the third day; stamens orange. Each \$1.25.

Comanche. The flowers are a combination of orange and amber-red. Each \$2.00.

Gladstoniana. Massive, cup-shaped flowers of a pure dazzling white. Each \$1.50.

Helen Fowler. Deep pink, fragrant flowers on stout stems. Strong, vigorous growth. Each \$1.25.

Marliacea chromatella. Petals and stamens bright yellow. Blooms 4 to 6 inches across. Each \$1.50.

Marliacea rosea. Lovely flowers of soft rose-pink. A splendid variety. Each \$1.50.

Odorata. The native white Pond-Lily. Desirable for planting in quantity in natural ponds. Each 50c.

Odorata minor. The native miniature white Water-Lily. Very dainty and suitable for tubs and small pools. Each 50c.

Odorata, Rose Arey. Very large, fragrant, deep pink flowers. Each \$1.75.

Aquatic Plants

CYPERUS alternifolius. Umbrella Plant. Will grow 4 feet high. Is successful in small pools or in moist ground. A splendid addition to the water-garden. Each 35c.; doz. \$3.50.

EICHHORNIA crassipes major. Water Hyacinth. Lilac-rose flowers. Each 30c.; doz. \$3.00.

LIMNOCHARIS Humboldt. Water Poppy. Floating yellow flowers all summer. Not hardy. Each 35c.; doz. \$3.50.

MYRIOPHYLLUM proserpinacoides. Parrot's Feather. Rises about 6 inches out of the water. Each 35c.; doz. \$3.50.

Aquatic Plants for the Aquarium

ANACHARIS canadensis gigantea. Giant Water Weed. A beautiful submerged plant with dark green, ovate leaves and light stems. Each 30c.; doz. \$3.00.

CABOMBA viridifolia. Washington Grass. A pretty and popular submerged plant for the pool or aquarium. Each 25c.; doz. \$2.50.

SAGITTARIA natans. Arrowhead. Long, strap-like, green leaves resembling the well-known Vallisneria. Each 30c.; doz. \$3.00.

Hardy Nelumbium or Lotus

These can be supplied only as dormant tubers from May 1 to June 1.

Luteum. American Lotus; Water Chinquapin. Yellow flowers, measuring up to 10 inches across. Each \$2.00.

Speciosum. Egyptian Lotus. Desirable for naturalizing in ponds to produce a subtropical effect. Flowers deep rose color, creamy white at base. Each \$2.00.

Michell's Hardy Decorative Flowering Shrubs

A planting of Shrubs, massed around the boundaries of a garden, forms a harmonious background against which the bright-colored hardy perennial plants appear to their best advantage. There are many suitable locations for planting Shrubs about the home-grounds. The house foundation and the angles and corners should be softened by Shrubs of medium height. *Spiræas*, *Hydrangeas*, *Berberis*, *Deutzias*, and others of a like nature will be found most suitable for this purpose.

ABELIA grandiflora. Bush *Arbutus*. Small shrub of graceful habit, flowering continuously from July until frost. The blooms are small, tubular, white, shaded pink, and are borne in clusters, forming a pleasing contrast with the shiny, almost evergreen foliage. Strong plants, each \$1.50.

ALTHÆA (Hibiscus). Rose of Sharon. These thrive almost anywhere, producing their bloom from July till September.

Anemonæflorus. Double; pink.

Boule de Feu. Double; bright red.

Jeanne d'Arc. Double; white.

Purpureus plenus. Double; purple.

All *Althæas*, 2 to 3-ft. plants, each 75c.

ANDROMEDA (Pieris) japonica. Compact-growing shrub with dark green foliage. Bell-shaped, white flowers in early spring. Strong plants, each \$3.00.

ARONIA arbutifolia. Red Chokeberry. Handsome red berries in the fall. Strong, 2 to 3-ft. plants, each 75c.

Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeed best in a partially shaded position.

Amœna. An evergreen variety, literally covered with masses of rosy crimson flowers in late spring. Bushy plants, each \$2.00.

Hinodegiri. Another evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color. Bushy plants, each \$2.00.

Kurume, Pink Pearl. Not a very large flower, but produced very freely. Very dainty, semi-double, pleasing salmon-rose. Strong, bushy plants, each \$2.00.

Ledifolia alba. Robust-growing variety with heavy mat-green foliage and large, pure white flowers. Strong, young plants, each \$2.00.

Mollis, Mixed. A deciduous variety, dwarf and bushy. The large flowers are produced in clusters on the ends of the shoots in May. Mixed colors only, varying from pale yellow to the deeper orange and even scarlet. Strong plants, each \$3.00.

BRIDAL WREATH. See *Spiræa prunifolia*.

Buddleia

Charming. A glorious new shrub bearing throughout the late summer and autumn elegant long sprays covered with lovely lavender-pink blooms which, compared with other *Buddleias* introduced up to date, are distinctly pink. For September and October flowers we suggest pinching off the flower-spikes which develop in July. Each 50c.

Dubonnet. In sunshine and under the lamp it glows almost a true red. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust erect growth with strong stems. Each 50c.

Orchid Beauty. New. A splendid new variety of a soft cattleya-lilac color with a brilliant orange eye. Long tapering spikes, similar in form and size to the popular variety *Charming*. Each 50c.

One plant each of the three new *Buddleias*, \$1.25

CALLICARPA purpurea. Beauty-Berry. A beautiful shrub, growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries. Each 75c.

CALYCANTHUS floridus. Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3-ft. plants, each 75c.

CERCIS chinensis. Judas-Tree; Chinese Redbud. A tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3-ft. plants, each \$1.50.

CHIONANTHUS virginica. White Fringe. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, each \$1.00.

CLETHRA alnifolia. Sweet Pepperbush. Shrub of low, dense growth with numerous spikes of small, white, fragrant flowers in July. Strong plants, each \$1.00.

COTONEASTER Francheti. Rockspray; Quinceberry. Upright, densely branched spreading shrub. Fruit orange-red. Strong pot-grown plants, each \$1.00.

C. horizontalis. Low-growing shrub with almost horizontal branches. Small, shiny green leaves and orange-red berries produced in profusion. Strong, pot-grown plants, each \$2.00.

CORNUS. Dogwood. This plant is well known. The flowers appear before the foliage in May and in autumn it takes on a rich crimson shade.

C. alba argenteo-variegata (C. alba elegantissima). Variegated Dogwood. A beautifully variegated shrub which should be planted more freely. Strong, 2 to 3-ft. plants, each \$1.00.

C. alba sibirica. Siberian Dogwood. Branches bright coral-red, making it quite ornamental for winter effects. Strong, 2 to 3-ft. plants, each 75c.

C. florida. White-flowering Dogwood. Strong, 3 to 4-ft. plants, each \$2.00.

C. florida rubra. Pink-flowering Dogwood. 3 to 4-ft. plants, each \$4.00.

C. stolonifera flaviramea (C. stolonifera lutea). Golden-twiggled Dogwood. Bright yellow branches in winter. Strong, 2 to 3-ft. plants, each 75c.



Azalea Hinodegiri

Taller Shrubs, such as *Lilacs*, *Philadelphus*, and *Althæas*, are better planted along the sides and at the back of the grounds. Here they can be used to give a frame to the property, block out undesirable views, and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the Shrubs selected and arranged to give a continuance of bloom and pleasing foliage combinations, together with a fall and winter coloring of bark and berries.

CRAB. See *Malus*.

CYDONIA japonica. Japan Quince. This shrub is a beautiful sight in early spring when covered with cherry-red flowers, about the size of an apple blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong, 2-ft. plants, each 75c.

DEUTZIA. The *Deutzias* are among the most useful of our summer-flowering shrubs. For planting either individually or in masses, they are very attractive.

D. gracilis. White flowers. Dwarf, bushy habit. 1½-ft. plants.

D. Lemoinei. One of the best dwarf hardy shrubs; the flowers are large and are produced in cone-shaped heads of pure white. 2 to 3-ft. plants.

D. scabra candidissima fl.-pl. Abundant racemes of double, pure white flowers in June. Luxuriant foliage. Fine habit. 3-ft. plants.

D. scabra plena crenata rosea fl.-pl. Double white blooms, tinged pink. 3 ft.

D. scabra, Pride of Rochester. The flowers, borne in large panicles, are pinkish white, with under side of the petals rose. June. 3-ft. plants.

All *Deutzias*, each 75c.

DAPHNE Cneorum. Garland Flower. A pretty, dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, each \$1.00. Large plants, each \$1.50.

DOGWOOD. See *Cornus*.

EUONYMUS alatus. Winged Euonymus. Small, delicate purplish flowers in late spring, followed by attractive red berries in the fall. Curious corky bark. Brilliant autumnal foliage. 2 to 3-ft. plants, each \$1.50.

EXOCHORDA grandiflora. Pearl-Bush. A medium-sized shrub, producing white flowers in graceful clusters early in the spring. Fine for cut-flowers. Strong, 2 to 3-ft. plants, each 75c.

FORSYTHIA. Golden Bells. Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

F. Fortunei. Erect-growing shrub with dark green foliage.

F. intermedia. April. Vigorous grower with slender, erect, or arching branches. Considered by many as the best of the family.

F. spectabilis. Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

F. suspensa. Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

All *Forsythias*, strong, 3 to 4-ft. plants, each 75c.

FLOWERING ALMOND. See *Prunus*.

FLOWERING CRAB. See *Malus*.

GOLDEN BELLS. See *Forsythia*.

GOLDEN CHAIN. See *Laburnum*.

HYDRANGEA arborescens grandiflora.

Snowball *Hydrangea*. Snow-white blooms of the largest size, coming into flower in early June and lasting until late in August. 2 to 3-ft. plants, each 75c.

H. paniculata grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong, bush form, 2 to 3-ft. plants, each 75c.

Improve your grounds with our selected Flowering Shrubs

Hydrangea paniculata grandiflora. *Standard or Tree-shaped.* These are fine planted as individual specimens on the lawn or in the center of beds of other plants. 3 to 4-ft. stems with shapely heads, each \$2.00.

H. quercifolia. Oak-leaved Hydrangea. A handsome, spreading shrub with striking foliage, turning to a beautiful red in autumn. The white flowers are produced freely in August in flat clusters. Strong, 2 to 3-ft. plants, each \$1.50.

HONEYSUCKLE. See *Lonicera*.

JAPAN QUINCE. See *Cydonia*.

JASMINUM nudiflorum. A fine shrub for sheltered positions, bearing fragrant yellow flowers very early in spring. Hardy south of Philadelphia. Each \$1.00.

JUDAS-TREE. See *Cercis*.

KALMIA latifolia. Mountain Laurel. Evergreen. Most effective in June when the clusters of pink flowers open. Nice clean foliage. The plants prefer a partially shaded location and acid soil. A most effective plant for informal plantings. Strong plants, each \$2.50.

KOLKWTZIA amabilis. Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong, 2 to 3-ft. plants, each \$1.00.

LABURNUM vulgare. Golden Chain. Large shrub with shining green leaves and long, drooping racemes of yellow flowers in early summer. Mature plants assume the character of small trees. Each \$2.00.

LILAC. See *Syringa*.

LONICERA tatarica. Tatarian Honeysuckle. Large, rose-pink flowers in abundance, followed by attractive berries. A most adaptable shrub. 3-ft. plants, each 75c.

MALUS ioensis plena. Bechtel's Double-flowering Crab. A shapely little tree producing quantities of very double, fragrant, soft pink flowers resembling a small rose in formation. 2 to 3-ft. plants, each \$1.50.

MOCK-ORANGE. See *Philadelphus*.

PHILADELPHUS, Avalanche. One of the newer varieties and one of the best, growing from 6 to 8 feet in height, with slender, arching branches which are nearly covered with large, pure white flowers. Strong, 2 to 3-ft. plants, each 75c.

P. coronarius. Mock-Orange. Handsome foliage and beautiful, fragrant white flowers in May and June. 2 to 3-ft. plants, each 75c.

P. virginialis. Virginal Mock-Orange. 7 to 8 ft. Large, semi-double white flowers in great profusion and very fragrant. Strong, 2 to 3-ft. plants, each 75c.

PRUNUS glandulosa alba fl.-pl. Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong plants, each \$1.00.

P. glandulosa rosea fl.-pl. Identical with the above, but bearing pink flowers. Strong plants, each \$1.00.

P. triloba. Double-flowering Plum. A shapely shrub of medium height, bearing, in early spring, semi-double, delicate pink flowers about 1 inch in diameter. Strong, 2 to 3-ft. plants, each \$1.00.

PYRACANTHA coccinea Lalandi. Fire-thorn; Evergreen Thorn. There is no other fruiting evergreen shrub that is so attractive throughout the year as this fiery Thorn. The large trusses of white flowers are followed in summer by an abundance of brilliant orange-scarlet berries, which, remaining on the plants throughout the winter, produce a gorgeous effect. Strong, pot-grown plants, each \$1.50.



Rhododendron

Hybrid Rhododendrons

The handsomest and most effective of the broad-leaved evergreens. They will succeed in any light or friable garden soil, but if a heavy clay soil must be used, incorporate a liberal amount of leaf-mold or well-decomposed cow-manure, digging the beds about 2 feet deep. Mulch the beds during the summer with peat moss and protect in winter with 4 to 5 inches of leaves. Evergreen boughs between the tops of the plants during winter are desirable to break the cold and driving winds and to protect from the rays of the sun in early spring.

Amphion. Pink. Bushy.

Catawbiense grandiflorum. Lilac. Compact.

Dr. C. H. Dresselhuys. Red. Tall.

Everestianum. Lilac. Dwarf.

Mrs. C. S. Sargent. Light red. Bushy.

President Lincoln. Lavender. Tall.

Roseum elegans. Pink. Compact.

All Rhododendrons, strong, 12 to 15-in. plants, each \$2.50; 15 to 18-in., \$3.00; 18 to 24-in., \$4.00; 2 to 2½-ft., \$5.00.

REDBUD. See *Cercis*.

RHUS cotinus. Purple Mist or Smoke Tree. A large shrub that can be planted as a single specimen or in the mixed border. About midsummer the plant is literally covered with clusters of feathered flowers, giving the appearance of a cloud of smoke or mist. Strong, 2 to 3-ft. plants, each \$1.50.

ROSE OF SHARON. See *Althæa*.

SNOWBALL. See *Viburnum*.

SPIRÆA, Anthony Waterer. 2 ft. Dwarf, dense shrub bearing a profusion of crimson flowers. Each 75c.

S. prunifolia. Bridal Wreath. 3 ft. Pretty, double white flowers come all along the almost leafless stem about May 1, just as the leaves are budding. Each 75c.

S. Thunbergi. 1½ ft. One of the prettiest of the dwarf shrubs, with fine, delicate foliage and a profusion of small white flowers in early spring. Each 75c.

S. Vanhouttei. 3 ft. The most beautiful of all white Spiræas, flowering in May, when it is a complete fountain of white bloom. Each 75c.

SUMAC. See *Rhus*.

SWEET PEPPERBUSH. See *Clethra*.

SWEET SHRUB. See *Calycanthus*.

SYMPHORICARPOS racemosus. Snowberry. Small red flowers, succeeded by many white berries that remain on the plant through half the winter. Strong plants, each 75c.

S. vulgaris. Red-fruited or Indian Currant. This is a well-known shrub, bearing pink flowers followed by red fruit. Each 75c.

SYRINGA (Lilac), Charles X. Large trusses of single violet-red flowers. One of the best. Each \$1.50.

S., Marie Legraye. A dwarf-growing variety, producing immense trusses of beautiful creamy white flowers. One of the most popular single white sorts. Each \$1.50.

S. vulgaris. Common purple, sweet-scented Lilac. Each 75c.

S. vulgaris alba. Pure white type of the above, but more fragrant. Each \$1.00.

VIBURNUM dilatatum. Linden Viburnum. One of the best of the Viburnums, producing small white flowers during May and June, followed by large clusters of bright scarlet berries which remain during the greater part of the winter. Strong, 2 to 3-ft. plants, each \$1.00.

V. Opulus. High-bush Cranberry. Bearing clusters of white flowers in June, followed by bright scarlet berries in autumn, which are very attractive throughout the winter. Strong, 2 to 3-ft. plants, each 75c.

V. Opulus sterile. Snowball; Guelder-Rose. This is the popular white Snowball, literally covered with large globes of white flowers in May. Strong, 2 to 3-ft. plants, each 75c.

V. tomentosum plicatum. Japanese Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine, 2 to 3-ft. plants, each \$1.00.

VITEX Agnus-castus. Chaste-Tree. A shrub or small tree with strong aromatic odor. Dense spikes of pale lilac flowers from July to September. Strong, 2-ft. plants, each 75c.

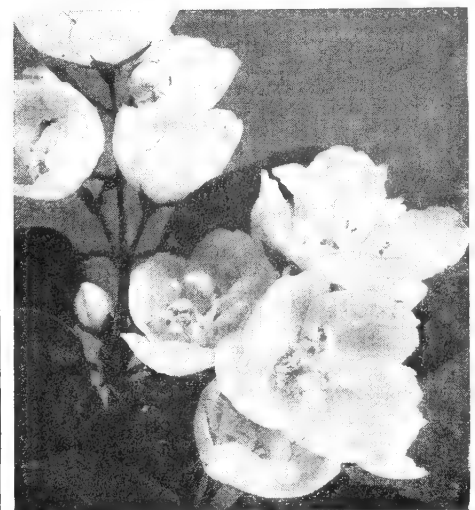
V. macrophylla. A graceful, attractive shrub, growing 3 to 4 feet high and producing freely pretty lavender-blue flowers from July until frost. Each 75c.

WEIGELA, Eva Rathke. Of erect form and vigorous habit. Deep carmine-red flowers. 2 to 3-ft. plants, each 75c.

W. floribunda. Crimson. Each 75c.

W. rosea. Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. Each 75c.

WHITE FRINGE. See *Chionanthus*.



Philadelphus virginialis

Michell's Ornamental Evergreens

This list includes the varieties mostly in demand. We can furnish all other sorts

The figures following each variety indicate, in feet, the approximate height of that plant when mature; it must be understood, however, that it takes a great many years to attain this height.

BIOTA (Thuja) aurea nana. Berckman's Golden Arborvitae. 2½ to 3 ft. A gem for planting where a dwarf variety is needed. Plants of compact, roundish shape with warm golden yellow foliage. 12 to 15-in. plants, each \$2.00.

CHAMÆCYPARIS pisifera plumosa aurea. Golden Plume Cypress. 20 to 25 ft. 15 to 18-in. plants, each \$2.00.

C. pisifera squarrosa Veitchii. Moss Cypress. 25 to 30 ft. Foliage blue-gray, feathery and dense. 15 to 18-in. plants, each \$2.00.

JUNIPERUS chinensis Pfitzeriana. Pfitzer Juniper. 5 to 6 ft. Broad, bushy, gray-green foliage, giving a feathery appearance. A hardy adaptable evergreen, especially for foundation planting. 12 to 15-in. plants, each \$2.00.

J. excelsa stricta. Spiny Greek Juniper. 4 to 5 ft. Combines regularity of shape, beauty of coloring, hardness and rather slow growth. Steel-blue foliage. 12 to 15-in. plants, each \$1.50.

J. horizontalis plumosa. Plumed Spreading Juniper. 1 to 2 ft. Low, dense mat that turns rich purple in winter. Excellent ground-cover. 15 to 18-in. spread, each \$2.00.

PICEA pungens glauca. Colorado Blue Spruce. 60 to 80 ft. Handsome lawn specimen of a pleasing blue color. Selected, 18 to 24-in. plants, each \$3.00.

P. pungens Kosteriana. Koster's Blue Spruce. 60 to 80 ft. The aristocrat of the evergreen family. By far the most shapely of the Spruces and the truest, most persistent blue of any known tree. 18 to 24-in., each \$5.00.

PINUS Mugo (montana). Mugo Pine. 2 to 3 ft. Compact, dwarf Pine, forming a round-topped clump. Useful for rock-planting and foundation work. 12 to 15-in. plants, each \$3.00.

P. nigra austriaca. Austrian Pine. 60 to 70 ft. A vigorous, dense grower with rich dark green foliage. 2 to 3-ft. plants, each \$5.00.

TAXUS cuspidata. Spreading Japanese Yew. 4 to 5 ft. This is one of the hardest evergreens in cultivation, with very dark green foliage and spreading, bushy habit. 15 to 18-in. plants, each \$3.50.

T. cuspidata capitata. Upright Japanese Yew. 25 to 40 ft. An evergreen of the upright type of *T. cuspidata*. 15 to 18-in. plants, each \$3.00.

Taxus cuspidata nana. Dwarf Japanese Yew. 2 to 3 ft. One of the hardest of the dwarf evergreens, with foliage similar to the above but slower of growth and more compact. Especially valuable in foundation plantings. 12 to 15-in. plants, each \$4.00.

T. media Hicksi. Hick's Yew. 10 to 20 ft. Columnar form with upright branches of dark green. Red berries in autumn. An ideal plant for a hedge. 18 to 24-in. plants, each \$5.00.

THUJA occidentalis globosa. Globe Arborvitae. 2½ to 3 ft. Natural, globe-shaped evergreen, very good for formal and foundation work. 12 to 15-in. plants, each \$1.50.

T. occidentalis pyramidalis. Pyramidal Arborvitae. 15 to 30 ft. Narrow, columnar shape, retaining its bright green color throughout the winter. Excellent for accents or formal planting. 18 to 24-in. plants, each \$2.00.

TSUGA canadensis. Canada Hemlock. 75 to 90 ft. One of the most graceful and attractive native evergreens. The spreading, horizontal branches of finely cut foliage make this a most adaptable tree, either for hedges or informal planting. 18 to 24-in. plants, each \$3.00.

Michell's Deciduous Shade Trees

This list includes the varieties mostly in demand. We can furnish all other sorts

ACER palmatum atropurpureum. Purple-leaf Japanese Maple. 6 to 8 ft. Rounded, dwarf trees, with foliage of unrivaled brilliancy. Their early and midsummer aspect is vivid blood-red, which dulls to a bronzy purple-red toward fall. The plants we offer are grafted from the finest strain imported, being carefully selected for rich, constant color. Strong, 12 to 15-in. plants, each \$2.00; 15 to 18-in., each \$3.00; 18 to 24-in., each \$4.00.

A. platanoides. Norway Maple. 50 to 75 ft. This Maple makes the roundest head, is colored the deepest, coolest green, and furnishes the densest shade of the entire list of good trees. Very hardy. 8 to 10-ft. trees, each \$4.00.

A. platanoides Schwedleri. Schwedler Maple. 60 to 80 ft. The young leaves are bright red but as summer approaches they turn to a rich dark green and color up again in the autumn. A fine lawn specimen. 8 to 10-ft. trees, each \$6.00.

A. saccharum. Sugar Maple. 50 to 75 ft. Straight spreading, symmetrical, of grand proportions and very long-lived. It grows well in all except damp, soggy soils and roots deeply, allowing the grass to grow close. Very rich autumn coloring. 8 to 10-ft. trees, each \$4.00.

FAGUS sylvatica purpurea Riversi. Purple or Copper Beech. 60 to 75 ft. An effective tree for individual planting and color contrast. Develops into a fine specimen with the lower branches sweeping the ground. 2 to 3-ft. plants, each \$7.00.

LINDEN. See *Tilia*.

LIQUIDAMBAR Styraciflua. Sweet Gum. 50 to 75 ft. Distinctive because of its corky bark and its vivid autumn coloring. Prefers moist location but also thrives on dry land. 4 to 6-ft. trees, each \$3.00.

MAGNOLIA Soulangeana. Saucer Magnolia. 15 to 18 ft. A hardy Chinese species which, while shrub-like in its young growth, attains the size of a tree in time. Flowers are produced early in the spring, cup-shaped, 3 to 5 inches in diameter, white inside, flushed with purple on the outside. 18 to 24-in. bushy plants, each \$3.00; 2 to 3-ft. bushy plants, each \$4.00.

M. stellata. Star Magnolia. 8 to 10 ft. A pretty dwarf form that opens its snowy, star-like flowers in April, earlier than any other Magnolia. The fragrance is pronounced and delicate. 1½ to 2-ft. bushy plants, each \$4.00.

MAPLE. See *Acer*.

MORUS alba pendula. Weeping Mulberry. The most popular small "weeping" tree. Forms a most perfect, round, tent-shaped head, with slender leaf-studded branches drooping to the ground. Trees with 2-yr. heads, each \$5.00.

MOUNTAIN-ASH. See *Sorbus*.

MULBERRY. See *Morus*.

OAK. See *Quercus*.

PLATANUS orientalis. Oriental Plane. 70 to 80 ft. A good tree for park and street planting. Grows quickly and withstands smoky city conditions. 6 to 8-ft. trees, each \$3.00; 8 to 10-ft., each \$4.00.

POPLAR. See *Populus*.

POPULUS Boileana. Boileana Poplar. 50 to 60 ft. Tall, spire-like trees valued for landscape work and screens. Leaves white underneath, creating an attractive flashing effect when stirred by the wind. 8 to 10-ft. trees, each \$2.00.

P. nigra italica. Lombardy Poplar. 60 to 80 ft. Similar to the above, with foliage green on both sides. 8 to 10-ft. trees, each \$1.50.

PURPLE BEECH. See *Fagus*.

QUERCUS palustris. Pin Oak. 75 to 90 ft. Takes most kindly to cultivation. Prefers moist soil but is very adaptable. A very good tree for street planting, being highly colored in the autumn. 6 to 8-ft. trees, each \$3.00.

Q. rubra. Red Oak. 75 to 90 ft. A comparatively quick grower. The young shoots and leaf-stems are red with purplish crimson foliage in the autumn. 6 to 8-ft. trees, each \$4.00.

SALIX babylonica. Babylon Weeping Willow. 50 to 60 ft. Particularly appropriate for waterside planting with its long pendulous branches. 4 to 6-ft. trees, each \$1.50; 6 to 8-ft., each \$2.00.

SORBUS Aucuparia. European Mountain-Ash. 25 to 30 ft. A valuable tree on a small lawn. The scarlet berries are quite striking. 6 to 8-ft. trees, each \$3.00.

TILIA americana. American Linden. 75 to 90 ft. A stately tree with large, shining, cordate leaves. Valuable for its beautiful white wood. Fragrant yellow flowers in July. 8 to 10-ft. trees, each \$3.00.

T. vulgaris. European Small-leaf Linden. 70 to 90 ft. In late June the fragrant flowers are noticeable. Grows symmetrical and compact. 6 to 8-ft. trees, each \$3.00.

WILLOW. See *Salix*.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants, and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees, and shrubs to live, we will assume such guarantee at an advance of 25 per cent over and above our usual price, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

Michell's Select Fruits

Apples

- Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.
- Grimes Golden.** Late. Good size; yellow and of fine flavor.
- Jonathan.** Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and tree comes into bearing early.
- McIntosh.** Winter. Medium size; nearly covered with a bright red; flesh white, tender, juicy, subacid. Tree hardy, vigorous, and healthy.
- Rome Beauty.** Late. Yellow shaded red; solid and juicy.
- Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.
- Wealthy.** Late. Round, red; sweet and a good keeper.
- Yellow Delicious.** Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won its fame as an outstanding commercial variety.
- Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

Crab-Apple

- Hyslop Crab.** Large, round, deep red fruit. The best variety for jelly. Sept.
- All Apple and Crab-Apple trees, 5 to 6 ft., each \$1.50; doz. \$15.00

Apricot

- Early Golden.** Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. Each \$1.50; doz. \$15.00.

Cherries

- Black Tartarian.** Sweet. Very large; black; rich and juicy.
- Early Richmond.** Sour. An early variety of medium size, dark red fruit. Early June.
- Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.
- Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 5 to 6 ft., each \$1.50; doz. \$15.00

Quince

- Orange.** Large, golden yellow fruit of good quality. Prefers low, well-drained soil. Excellent for jellifying with apples. Dwarf grower. 4 to 5 ft., each \$1.50; doz. \$15.00.

Peaches

- Belle of Georgia.** White, red cheek; flesh white, of good flavor. Freestone. Sept.
- Champion.** A large, handsome early white variety with red cheek; sweet and juicy. Aug.
- Elberta.** The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.
- Golden Jubilee.** Resembles Elberta. Skin yellow with red flush; flesh golden yellow, juicy, and sweet. Freestone. Early Aug.
- Hale-Haven.** Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.
- J. H. Hale.** Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.
- Salberta.** Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. This new variety is being planted commercially in many Peach-growing sections.

All Peach trees, 3½ to 4 ft., each \$1.00; doz. \$10.00

Pears

SUMMER VARIETIES

- Bartlett.** An old favorite. Juicy, well flavored, and a good bearer. Aug.
- Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

FALL VARIETIES

- Anjou.** Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.
- Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.
- Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.
- Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., each \$1.50; doz. \$15.00

Plums

- Abundance.** A very productive, large variety of light cherry-red color. Aug.
- Burbank.** Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.
- Diamond.** Enormous, dark purple fruit with a beautiful bloom. Sept.
- Green Gage.** Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.
- Shropshire Damson.** Late. Medium-sized fruit, produced in thick clusters or groups. Tree a strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.

All Plum trees, 5 to 6 ft., each \$1.50; doz. \$15.00

Blackberries

- Alfred.** For the home-garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.
- Eldorado.** Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$1.00; 100, \$8.00

The New Boysenberry

The Finest Vine Berry Yet Developed

- A new hybrid vine berry developed from the blackberry, loganberry, and raspberry.
- The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is high, no sugar being needed with ripe berries. Doz. \$2.25; 25, \$4.00.

Raspberries

- Cumberland.** Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.
- Latham.** The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.
- Newburgh.** Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.
- Ranere Everbearing.** Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, doz. \$1.00; 100, \$8.00

Strawberry Plants

Layer plants which can be shipped until April 15th and again after October 15th

STANDARD EARLY VARIETIES

- Blakemore.** Fruit is firm, light in color and unexcelled. Ranks high in productiveness.
- Dorsett.** Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.
- Fairfax.** Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.
- Premier.** Perfect. Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

MIDSEASON VARIETIES

- Big Joe.** Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.
- Catskill.** Best midseason berry and becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

LATE-SEASON VARIETIES

- Aroma.** Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.
- Chesapeake.** Perfect. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.
- Lupton Late.** Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

Above Strawberries, 25, 75c.; 50, \$1.00; 100, \$1.50; 1000, \$10.00

AUTUMN-FRUITING OR EVER-BEARING VARIETY

- Mastodon.** This is, unquestionably, the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop. Layer plants, 25, \$1.00; 50, \$1.50; 100, \$2.50; 1000, \$15.00.

Grape-Vines

- Caco.** Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. Each 50c.; doz. \$5.00.
- Catawba.** Red. Delicious flavored; medium-size berry.
- Concord.** Purple. The well-known standard variety that succeeds wherever Grapes will grow.
- Delaware.** Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.
- Fredonia.** Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.
- Moore's Early.** This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.
- Niagara.** Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.
- Portland.** White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home garden. Each 50c.; doz. \$5.00.
- All Grape-Vines, except Caco and Portland, 2-yr. vines, each 30c.; doz. \$3.00; 100, \$20.00

Michell's Farm and Garden Tools

South Bend Plows

For garden, farm, or trucker's work; made of chilled steel in various sizes.

No. 1B. Wood beam plain; for one Each horse.....\$15 00

No. 2F. Wood beam plain; for one heavy or two light horses..... 18 00

No. 3F. Wood beam plain; for two horses 19 50

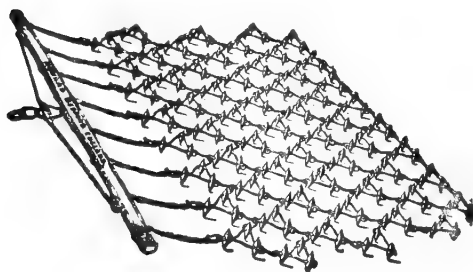
The prices above are for plain Plows with clevis only.

The No. 3 Plow can be equipped with wheel and jointer at the following additional cost:

Wheel only Each \$2 50

Jointer only 4 70

The Nos. 1 and 2 are too light for wheel and jointer.



Scotch Chain Harrow

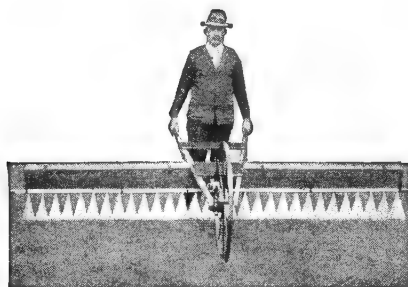
One of the best implements for pulverizing the surface soil, leveling and smoothing; also good for covering grass seed, etc.

No. FH.1-R. One-horse size, 6½ x 5 ft. 4 in. Weight 230 lbs.

No. FH.2-R. Medium two-horse size, 8 x 5 ft. 4 in. Weight 257 lbs.

No. FH.3-R. Full two-horse size, 11½ x 5 ft. 4 in. Weight 380 lbs.

Not available at the present time



Wheelbarrow Grass Seeder

A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

No. 106. Sows a width of 10 ft. Developed especially for seeding golf courses, parks and country estates.....\$21 00

No. 5. Sows a width of 14 ft..... 19 00

PRICES ON THIS PAGE SUBJECT TO CHANGE



Handi-Cart

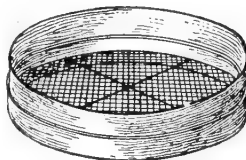
The last word in convenience for the home-owner—the successor to the wheelbarrow. Eliminates hard work and backache from shoveling or stooping to load up. Operation is as simple as using a dust-pan. Built extra strong to stand overloading and abuse, and will give years of satisfactory service.

No. 1. 2-cu. ft. capacity.....\$5 25

No. 2. 3-cu. ft. capacity..... 7 25

Either Cart with 1¼-in. puncture-proof balloon tires, \$2.20 extra.

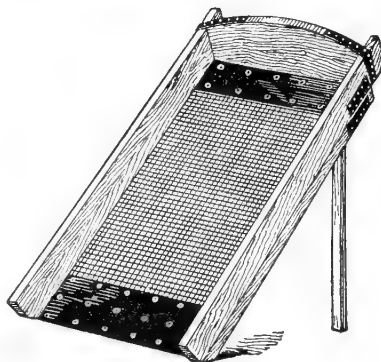
Sieves



Any size mesh. Made extra well.

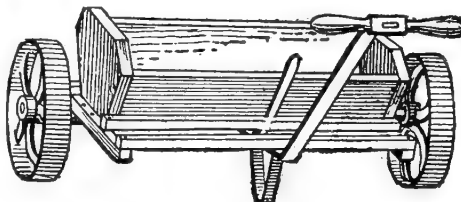
Galvanized wire, 18-in.

\$2.00 each



Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Size 30 in. wide by 72 in. high. Price, \$20.00.



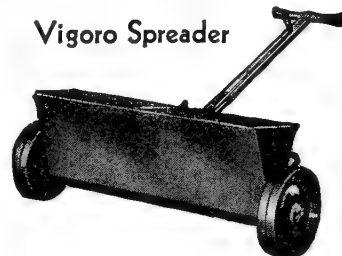
Stevens Fertilizer Distributor

For distributing commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

Holds about 2 bushels; covering area, 3 feet wide. Price, \$27.00.

SEE PAGE 1 FOR PARCEL POST RATES

Vigoro Spreader



The Vigoro Spreader was developed for the purpose of applying fertilizers in flower-beds and vegetable gardens before seeds are sown or plants set out, and to sow grass seeds, top-dress lawns with sand or other dry materials, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

Model B. 14-in. spreading area. Capacity, 13 lbs.\$3 35

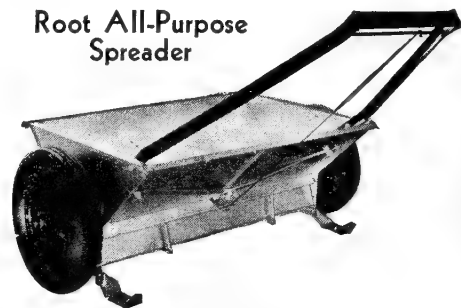
Junior. 16-in. spreading area. Capacity, 30 lbs. 7 80

Standard. 24-in. spreading area. Capacity, 65 lbs.15 80

Special. 36-in. spreading area. Capacity, 125 lbs.24 40

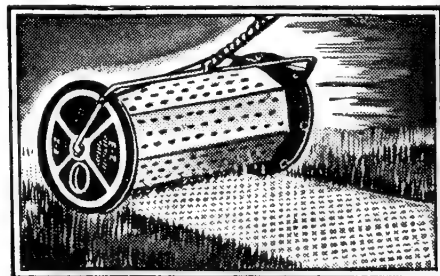
Tires for the Standard and Special models shipped in separate cartons. Price, \$3.00 per pair.

Root All-Purpose Spreader



The perfect machine for fertilizing, top-dressing and seeding on large areas. Positive, accurate feed-control insures safe, even distribution, eliminating all possibilities of burn at the start and finish lines from excess fertilizer. The wide range of adjustment permits the handling of soil for top-dressing at the rate of 350 lbs. per 1000 sq. ft., down to grass seed at as light a rate as 3 lbs. per 1000 sq. ft. Heavy-duty construction throughout. Hopper Capacity, 3 cu. ft. Graduated feed-scale. Width of spread, 3 ft. Standard Model (steel wheels). Price, \$65.00.

DeLuxe Model (pneumatic-tired wheels). Price, \$85.00.



E-Z Fertilizer Spreader

Fertilize your lawn - - Sow your seed the NEW E-Z way!

It's fun to fertilize your lawn the new "E-Z" way. Simply fill container, guide like a vacuum cleaner, and your lawn is covered—quickly, scientifically, uniformly. Dependable construction assures long life for this efficient, economical Fertilizer Spreader. Price, only \$1.25.

Planet Jr. Garden Tools

No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Price, \$25.50



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single wheel hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower, or large farmer.

No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, \$21.00

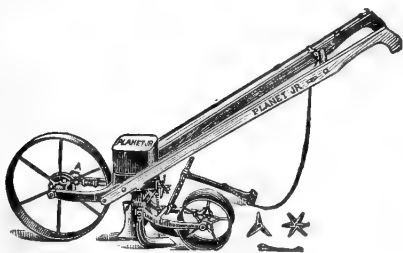
The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

No. 4D Seeder Only

Price, \$16.75

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$19.75



The No. 3 has for many years been a favorite with market gardeners, onion growers, etc.; it will handle any vegetable seed, planting in continuous rows or in hills, 4, 6, 8, 12, or 24 inches apart. Index for adjusting for different size seed is located on the handle. The hopper holds 3 quarts of seed.

No. 35 Planet Jr. Seeder Attachment



Suited for planting short rows and in small quantities. With one bolt it fastens to any Planet Jr. Wheel Hoe or

Garden Plow, except the Fire-Fly, or you can bolt a home-made handle to the bracket on the rear of the hopper and use as a seeder independently of the wheel hoe. Price, \$6.50; with handle, \$7.00.

No. 11 Planet Jr. Double and Single Wheel Hoe Cultivator Plow and Rake

Price, Complete \$16.50



Equipment is complete, including one pair 6-in. and one pair 4½-in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing, covering and ridging; two 3-tooth and two 5-tooth rakes for fine close cultivation.

No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, \$12.95

Same as No. 11 but less the 4½-in. hoes and the rakes.

No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, \$9.95.



No. 16 Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow

Price, \$10.25

Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. Price, \$8.95.

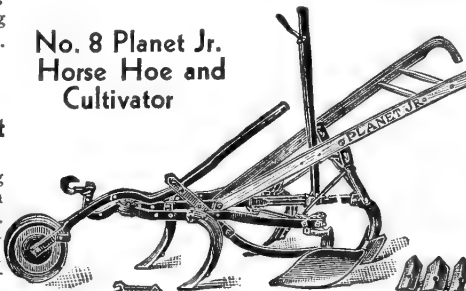
No. 17½ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, \$7.95.

No. 18 Single Wheel Hoe

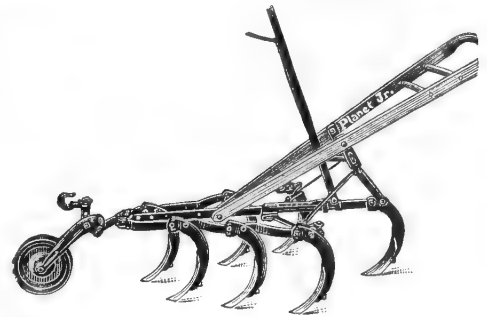
Like No. 17, except that it is equipped with one pair side hoes only. Price, \$6.95.

No. 8 Planet Jr. Horse Hoe and Cultivator



The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, \$17.50.

No. 83 Planet Jr. Cultivator



Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, \$15.00.

No. 83D. Price without wheel, \$13.25.

Planet Jr. Horse Cultivator Teeth

All 8 in. long.

	Each		Each
1¼-in.	\$0 19	3-in.	\$0 30
1½-in.	20	4-in.	37
2¼-in.	21		

No. 300 Planet Jr. Seeder

Price, \$22.75



This is rapidly becoming the most popular Seeder. It is a plate Seeder having three seeder plates, each with 13 holes, giving ample adjustment quickly and easily for any size seed. Hopper removable. Easy running, dependable, and accurate.



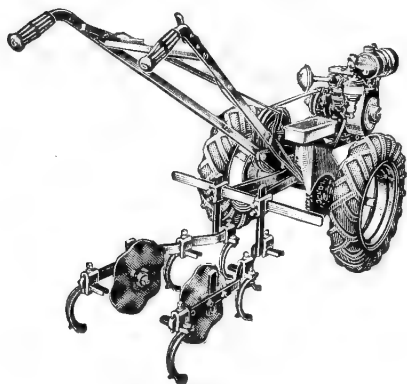
No. 119 Planet Jr. Garden Plow and Cultivator

Price, \$4.10

The No. 119 has a 24-in. steel wheel for easy working in rough and uneven soil. The equipment, which is all hardened and tempered, includes everything essential for the family garden. Can be furnished with a five-prong cultivator attachment in place of reversible scuffle blade (order No. 119W). Price, \$4.20.

Send for a copy of the
PLANET JR. CATALOG

MICHELL'S FARM AND GARDEN TOOLS



Planet Jr. B-1 Tractor

Low in Cost. High in Efficiency

For a really low-cost, all-round gardening and moving outfit, the Planet Jr. B-1 Tractor saves untold hours of time and work and pays for itself many times over. Light in weight—exceedingly simple to operate—anyone can easily handle it.

An efficient 1½ h.p. motor furnishes an astonishing amount of power, and careful designing by experienced Planet Jr. engineers, gives you a Tractor that is simple, sturdy, and practically fool-proof. It is completely equipped with rubber tires and cultivator.

The Planet Jr. B-1 Tractor is ideal for the suburbanite or small farmer because it does everything—plowing, harrowing, planting and cultivating the garden, cutting hay or grass, mowing the lawn and clearing snow from sidewalks or lanes. And it is just as efficient a time- and labor-saver for commercial growers, having ample power for cultivating one or two rows at a time.

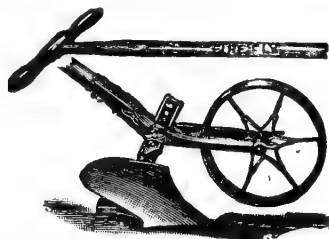
B-1.....\$157 50
A-1.....135 00

Send for catalog completely describing the Planet Jr. Tractor and attachments.



Planet Jr. Star Pulverizer
Price, 7½ in., \$3.50

Excellent for preparing a seed-bed, weeding, or hoeing. Works like a carpet-sweeper, cutting off all the weeds and pulverizing the lumps.

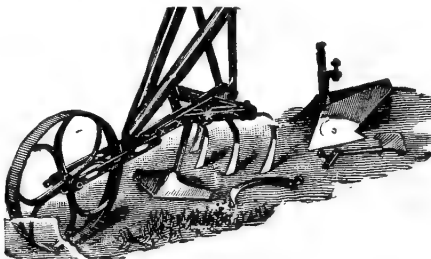


Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching-yards. Price, \$4.95.

Parts of Planet Jr. Wheel Hoes

Disc Hoes 3350-51X. Pair \$3.75.
4½-in. Hoes S100-S101. Pair \$1.20.
6 -in. Hoes S100-S101. Pair \$1.30.
7½-in. Hoes S100-S101. Pair \$1.50.
9 -in. Hoes S100-S101. Pair \$1.70.
Peat Land Hoes. Pair \$1.80.
3-prong Cultivator Teeth, S42. Pair \$1.50.
Cultivator Teeth, Regular, No. 1395, all steel. Each 35c.
Narrow Cultivator Teeth, No. 2775, all steel. Each 35c.
Rakes, 3-tooth, S24. Pair \$1.00.
Rakes, 5-tooth, S25. Pair \$1.50.
Plows for Double Wheel Hoes, M5. Pair \$1.40.
Plows for Single Wheel Hoes, R6. Each \$1.15.
Double Mouldboard Plows, 4678X. Each \$1.70.
Handles. Pair \$1.25.



Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$8.00.

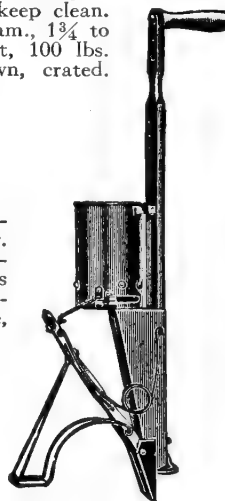


Sterling Mounted Grindstone

Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¼ to 2½ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$13.50.

American Hand Corn-Planter

A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$3.50.

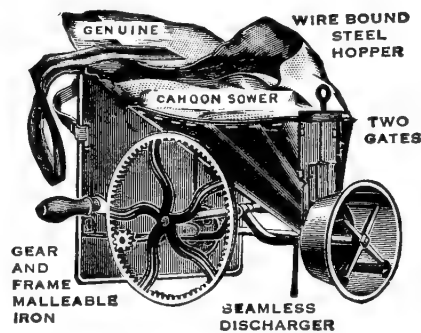


PRICES ON THIS
PAGE SUBJECT
TO CHANGE



Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.15; 5-prong, \$1.35.



Broadcast Seed Sowers

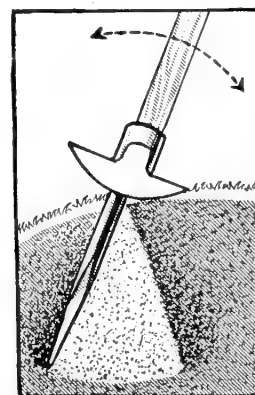
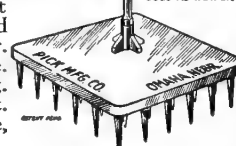
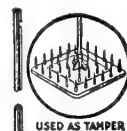
For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

Cahoon.....\$7 00
Cyclone.....3 00



"THE LAWN MAKER'S FRIEND"

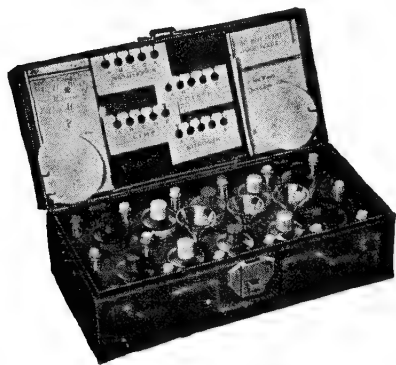
A combined perforator and tamper made of malleable iron. By loosening one nut it can be converted from spiker to tamper. Plates 9 in. square. Spikes 1¼ in. long. Length overall, 4 ft. Weight, 13 lbs. Price, each \$5.00.



Universal Sod Spiker

For loosening hard-packed lawns to allow water, air and fertilizer to penetrate to the grass roots without tearing the surface of the lawn. Makes sod porous. Particularly good for sloping lawns where ground has to be porous to receive and hold moisture. This tool is not too heavy for women to use. Price, \$2.50.

MICHELL'S FARM AND GARDEN TOOLS



Horticultural Kit (Model B)

Sudbury Soil-Test Kit

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

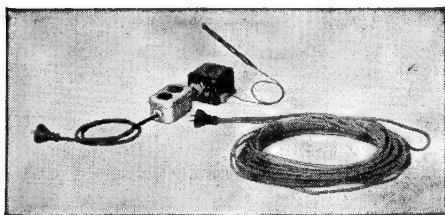
Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$18.50.

Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

Club Model, C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome sturdy imitation leather. Price, \$4.75.

Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.

G-E Soil-Heating Units



The use of electric heating cable in hotbeds and propagating benches has become increasingly popular and extremely profitable to the grower.

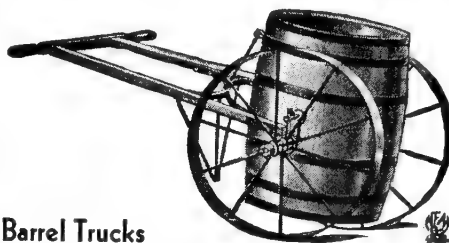
The Soil-Heating Kit illustrated meets the need for portable automatic equipment which does not require special wiring. It consists of heating cable, thermostat, and the necessary plugs for attaching to any A. C. outlet.

Kit No. 69x787. Thermostat (115 volts) assembly and 60-foot cable for beds up to 36 square feet. Price, \$18.50.

Kit No. 69x788. Thermostat (230 volts) and 120-foot cable for beds up to 72 square feet. Price, \$23.00.

Information on larger installations furnished on request.

PRICES ON THIS PAGE SUBJECT
TO CHANGE



Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

Truck with 3½-in. tires, all-iron wheels..... \$25 00
Barrels, with trunnions, open head.. 7 25
Truck and Barrel, Complete..... 32 25



Wood Leaf Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck, as shown.

Leaf Rack only, no truck..... \$16 50
Leaf Rack with 3½-in. tire truck... 41 50
Truck with 3½-in. tire wheels, no rack or barrel..... 25 00



Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$9.50.

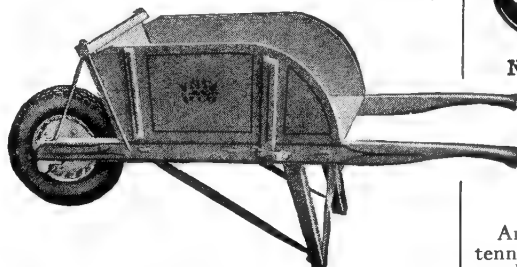
Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

Great American Wheelbarrow.

	Tire In.	Length In.	Depth In.	Width In.	
No. 1.....	2¾	30	12	25	\$11 50
No. 2.....	2¾	28	12	24	10 00
No. 3.....	2¾	26	12	22	9 50
No. 4 (Boys).....	1¾	22	9	18	7 00

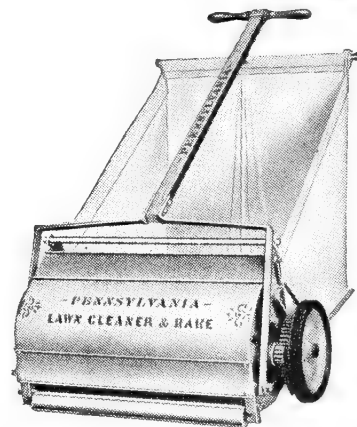
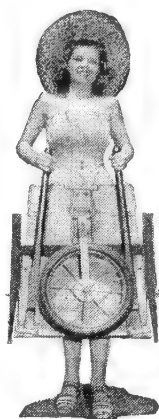
Special Greenhouse Style. Narrow body and handle width..... 11 50



Great American, No. 2. Equipped with pneumatic rubber-tire wheel... \$17 50

Foldabarrow

An entirely new idea in wheelbarrows, and especially useful where storage space is limited. When folded it takes up no more room than the average card-table, and it is only a matter of seconds to set the barrow up, ready for use. The Foldabarrow is more than strong enough for any construction or gardening job. Light in weight, sturdy in construction and attractive in appearance. Price (with pneumatic tire), \$14.00.



Lawn and Putting-Green Cleaner

The flexible rake bars are of wood, with steel springs and teeth. They rotate like a lawn-mower cylinder and clean up every particle of leaves, litter, or rubbish, throwing it into a large-capacity receptacle or bag in the rear. Price, 24-in. Rake, or Sweeper, \$38.50.

Please specify when ordering if wanted for lawns or putting-greens.

SWEEPING BRUSHES. Can be readily attached to the Rake for sweeping lawns, putting-greens, paths, etc. Price per set of three, 24-in., \$10.00.

Tennis Court Markers

No. 5. Excelsior. A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2½ gallons. Price, \$13.50.

No. 10. Excelsior. Capacity, 3½ gallons. Price, \$30.00.

No. OX. The most practical Marker where dry lime is used. Price, \$3.50.



No. OX

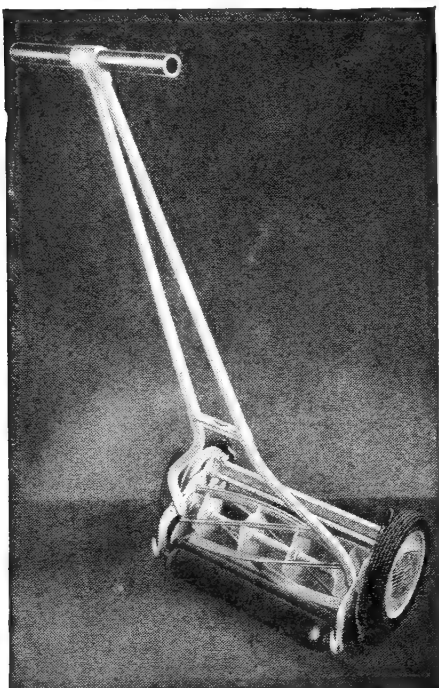


No. 5

Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. 50 lbs. \$2.00; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.

MICHELL'S HIGH-GRADE LAWN MOWERS



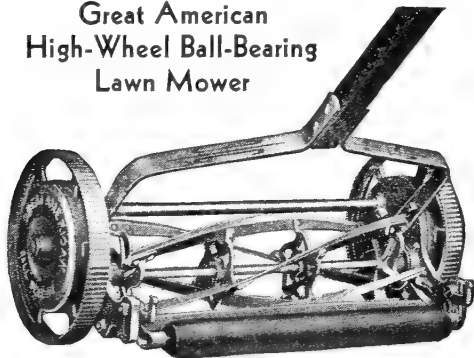
Clemson Lawn Mower
Precision Lawn Mower

Four of the distinctive features of this new machine are:

1. The adjustable bed-knife and the blades are kept in perfect alignment by a simple adjustment.
2. The roller adjustment prevents loosening due to vibrations with mere hand-tightening.
3. The Tie Tube is a masterpiece of construction.
4. The reel is made in one piece for greater durability.

17-in. cut, \$26.95

Great American
High-Wheel Ball-Bearing
Lawn Mower

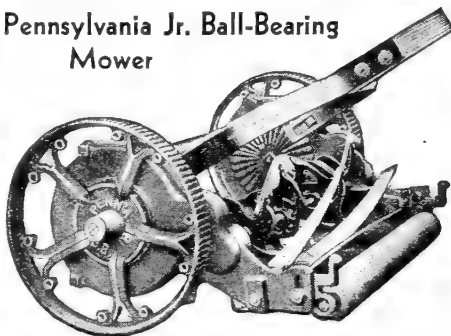


This is the best all-round Mower of its type made; one of the greatest sellers of all time. It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from $\frac{1}{2}$ to $1\frac{1}{2}$ inches. High wheel, 10 inches in diameter.

15-in. cut.....	\$19 00
17-in. cut.....	20 50
19-in. cut.....	21 95
21-in. cut.....	23 95
With rubber tires, \$1.00 additional, each size	

PRICES SUBJECT TO CHANGE

Pennsylvania Jr. Ball-Bearing
Mower



For best results from this machine, which does exceptionally fine work, the lawn should be mowed at regular intervals. This Mower cuts the grass shorter than the 4-bladed machine, hence the lawn requires mowing at stated periods when the grass is growing rapidly.

8-in. or low wheel; 5-blade cylinder, $5\frac{1}{2}$ -in. diam.

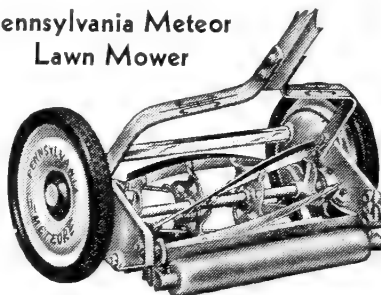
14-in. cut.....	\$23 25
16-in. cut.....	24 95
18-in. cut.....	26 75

10-in. or high wheel; 5-blade cylinder, 6-in. diam.

15-in. cut.....	\$24 95
17-in. cut.....	26 75
19-in. cut.....	29 25
21-in. cut.....	31 50

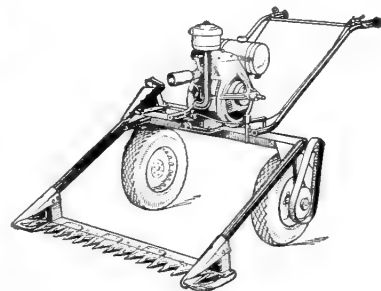
With rubber tires, \$1.00 additional, each size

Pennsylvania Meteor
Lawn Mower



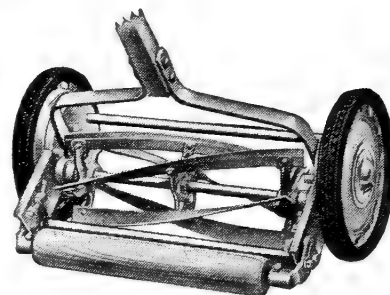
Built of aluminum by Penna. Lawn Mower Co. Weighs only 36 pounds. Quiet and fast. Pushes easily. Equipped with good-quality rubber tires. 10-in. wheels, 5 crucible steel blades.

16-in. cut.....	\$21 50
19-in. cut.....	23 95



The National Sickle Bar Mower

Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction—you only steer. 40-in. cut, \$215.00; 36-in. cut, \$175.00.



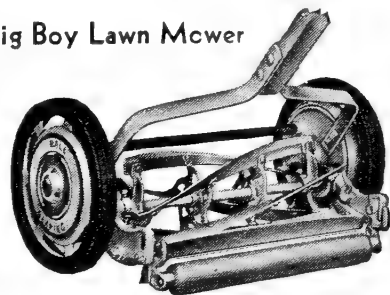
Penn Steel Lawn Mower

The popular-priced Mower with unbreakable steel frame

This new Pennsylvania Mower meets the public demand for a steel, unbreakable frame Mower, dependable, light weight and moderate in price. It embodies structural features that make it easy to push, simple to adjust, and certain of long life. New design roller brackets permit adjustment of height of cut from $\frac{1}{2}$ to $2\frac{1}{4}$ inches, with handle always in comfortable position. 5 high carbon steel blades. Ball-bearing, 10-in. wheels with rubber tires.

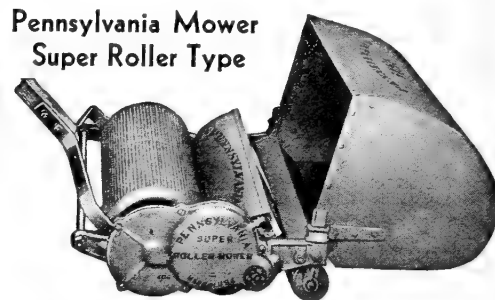
16-in. cut.....	\$14 85
18-in. cut.....	15 50
16-in. cut; 7 blades.....	18 50

Big Boy Lawn Mower



A Pennsylvania-made Mower at a popular price, to meet present-day conditions; 10-in. wheel, fitted with attractive chromium-plated hub cap. 6-in. cylinder, solid type; 5 hardened steel blades; ball-bearing with automatic spring adjustment. 16-in. cut. Price, \$12.95.

Pennsylvania Mower
Super Roller Type



This Mower for golf greens is the last word in lawn-mower construction. It has 8 crucible steel blades in a high-speed cylinder, aluminum driving drums and train of cut gears running in a grease-tight case. Intermediate gear and front caster wheels on hardened steel bushings; drums and cylinder, on ball-bearings. The Super Roller Mower is light running, easy to push, and cuts without ridging the greens. Weight, only 55 pounds. One size only, 18-in. cut. Price, \$60.00. Grass Box, \$6.50; Carriage, \$5.30; Brush, \$2.15.

COLDWELL POWER MOWERS

ALL PRICES SUBJECT TO CHANGE

SUPER STANDARD MODELS

There is plenty of power available for steep grades in Coldwell's Heavy Duty Models, and for thick, tough or heavy grass. Mowing and light rolling are done simultaneously.

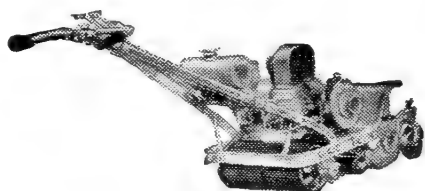
25 in. \$315.00
30 in.. 350.00

These machines can be supplied with rubber-tired wheels, if desired at a slight additional cost.

Extra units can be furnished to give a 60-in. or 65-in. cut.

16-in. gang mower units. \$30.00
20-in. gang mower units. 32.00

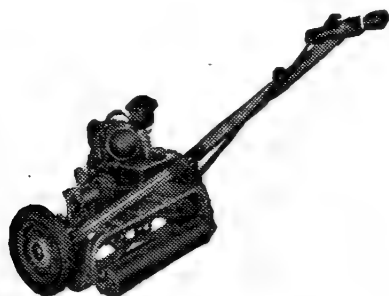
Hitch for rear gang attachments. 8.00



CUB

The Cub Model is a single-cylinder power lawn mower which is built to do the job of mowing and rolling the lawn. Low cost of maintenance makes this a very desirable mower.

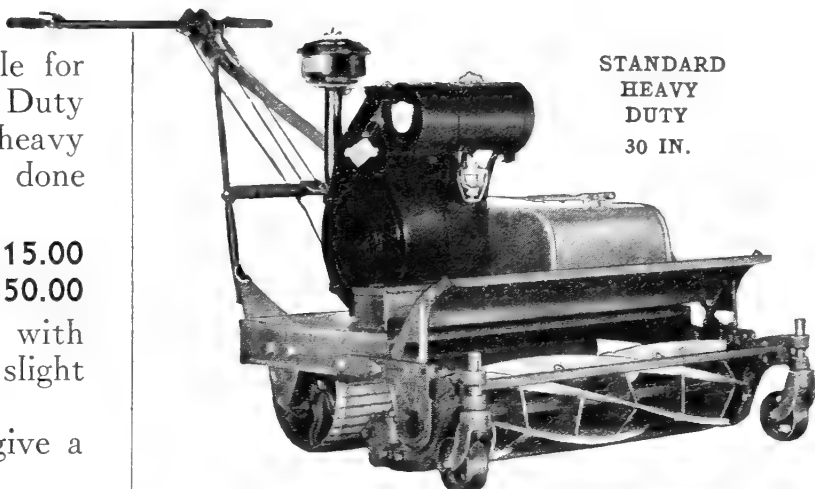
Width of cut, 21 inches. \$220.00



BADGER

A brand-new small power mower that is built to do the job of mowing and rolling the lawn on small and medium-sized estates.

Low-cost operation. It is the peer of all small power mowers on the market today.
Width of cut, 19 inches \$92.50



**STANDARD
HEAVY
DUTY
30 IN.**



BEAR POWER MOWER

Sturdy and strong. It is easy to handle. The low original cost, with a minimum of expense for upkeep and repairs, and its long enduring service gives the owner a simple, practical and most desirable power machine.

Width of cut, 21 inches. \$122.50

ACCESSORIES

Riding Sully. Pneumatic-tired disc wheel.
Heavy duty \$45.00

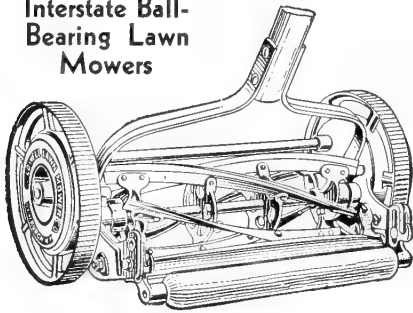
Sickle Bars. Can be attached to the Cub or Standard Models.

21 in. \$65.00
25 in. 67.50
30 in. 70.00

An up-to-date lawn mower makes lawn-mowing a pleasure

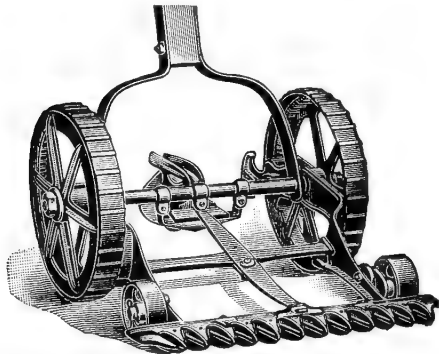
MICHELL'S LAWN MOWERS, ETC.

Interstate Ball-Bearing Mowers



This is a medium-priced, substantially built Mower, recommended for general use. It is equipped with large bearings, which makes for ease in operation and insures a long period of usefulness. 10-in. diam. wheels; revolving cutter, 6-in. diam., with 5 heat-treated blades.

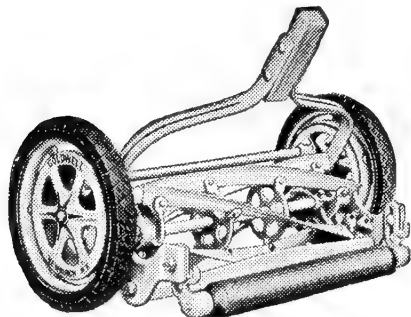
14-in. cut....\$11 00 | 18-in. cut....\$12 50
16-in. cut....\$11 75



Clipper Lawn Mower

The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other Lawn Mowers do. The small-gauge wheels at the side are to gauge the height you wish to cut the grass.

15-in. cut....\$13 60 | 18-in. cut....\$15 00



Pacemaker Mower
BALL-BEARING

Adapted for all general-purpose work. Easy to operate. Equipped with 10-inch diameter open wheel, semi-pneumatic tires; 5-blade cylinder.

14-in. cut....\$17 50 | 18-in. cut....\$19 00
16-in. cut....\$18 00

Grass Catchers

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

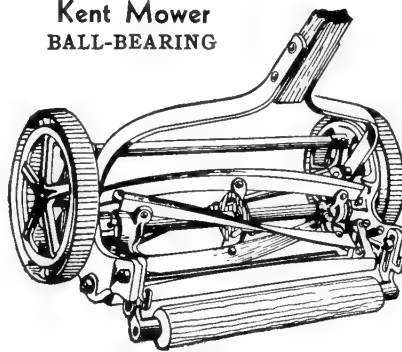
No. G10. For Mowers 12 to 16-in. ..\$1 50
No. G12. For Mowers 17 to 22-in. .. 1 85

Gem Oil-Cans

Capacity Spout

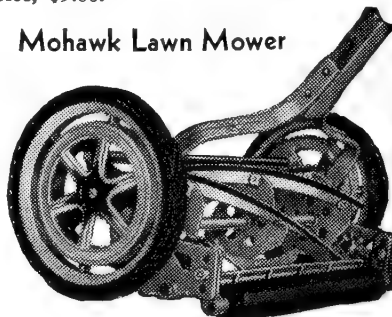
No. 1706. 8 oz. 6-in. bent.....\$0 60
No. 1706. 8 oz. 6-in. straight..... 60
No. 1606B. 1/2pt. 6-in. bent, brass.. 85

Kent Mower
BALL-BEARING



A strong, light-weight Mower, most useful for those whose lawn areas are small. 8-in. diam. wheels; revolving cutter, 5-in. diam., with 4 blades. One size only, 12-in. cut. Price, \$9.00.

Mohawk Lawn Mower



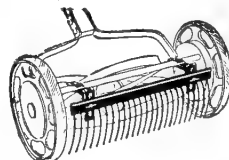
A modernized Lawn Mower, strong, durable, light in weight, and easy to operate. Has 16-inch diameter wheels, reinforced spokes, rubber tires, 1-inch tread. Revolving cutter has steel heat-treated blades, steel flanges. Precision ball-bearing, adjustable and self-sharpening. A wonderful Lawn Mower. 16-in. cut. Price, \$13.25.

Lawn-Mower Oil

Pure Oil that will not gum or get sticky is an essential for the satisfactory operation of every Mower. The Oil sold by us has been selected with this point in view. Pt. 25c.; qt. 35c.; gal. \$1.00; 5 gals. \$4.25.

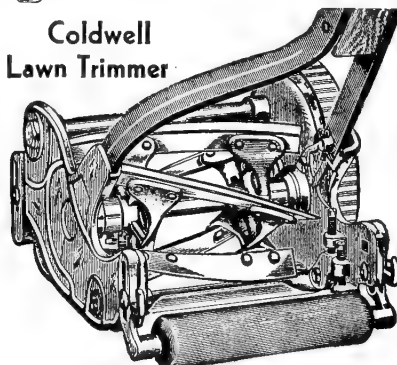
Improved Crab Grass Eliminator

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower.

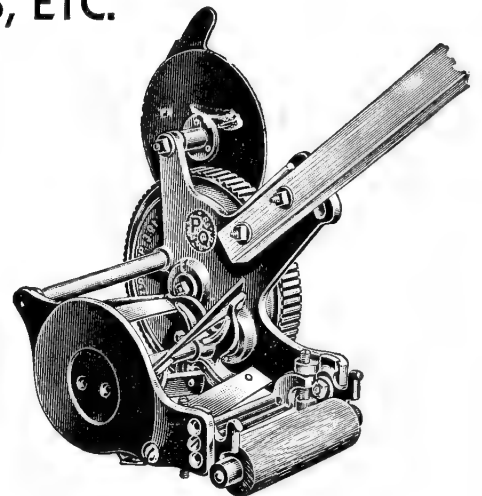


12-in. size.\$1 65
14-in. size. 1 90
20-in. size. 2 15

Coldwell
Lawn Trimmer



This is a small special Mower with a straight side, designed for trimming around the edges of walks, flower-beds, and borders. 6-in. diam., 5-blade revolving cutter, mounted on ball-bearings; cuts an 8-in. swath. Price, \$12.00.



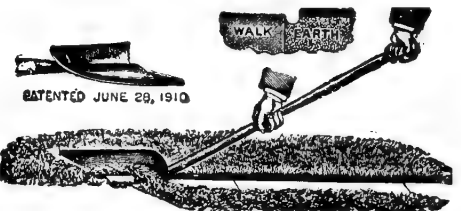
Pennsylvania Combined Trimmer and Edger

This machine, consisting of the Ball-bearing Trimmer, equipped with a steel disc and a small plow, will trim the overhanging grass along the edges of paths and flower-beds, relieving the gardener of work with hand shears or a grass hook. Cutting width, 6 in. Price, \$12.00.



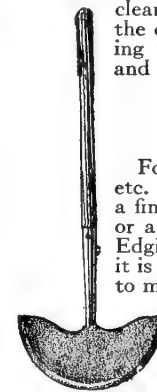
Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, \$1.75.



No. 136, Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$1.50.



American

Edging Knives

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work, it is well to use a garden line so as to make a first-class job.

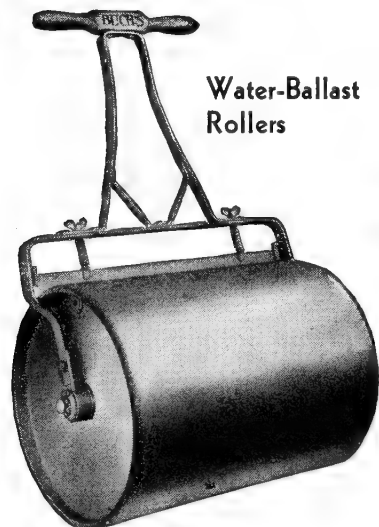
No. 040. American. With handle. Price, \$1.35.

No. 3863. English. 9-in. with handle. Price, \$3.00.

Lawn-Mower Sharpener

Price, each 75c. Extra files, each 30c.

MICHELL'S LAWN ROLLERS, ETC.



**Water-Ballast
Rollers**

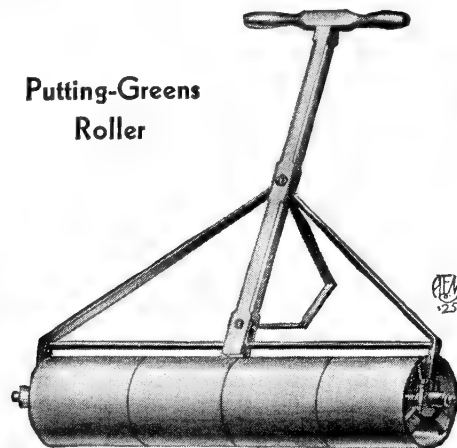
Fill with water to weight it up to any number of pounds desired, as shown below. The same Roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.

	Diam. Sections	Length in.	Weight in. Empty	Weight Filled	
No. 601 ...	1	14	24	60	250 \$13 50
No. 602 ...	1	18	24	85	330 15 75
No. 603 ...	1	24	24	100	440 18 75
No. 604 ...	1	24	32	135	590 20 00

Keystone Hand Lawn Rollers

A cast-iron sectional roller mechanically balanced, with steel roller-bearings so as to be easily operated. Beveled edge prevents tearing the lawn when turning.

	Diam. in.	Length in.	Sections	Weight lbs.	
No. 501	15	15	3	175	\$21 00
No. 502	15	22	3	250	25 00
No. 504	20	20	2	250	27 50
No. 508	20	30	3	350	40 00
No. 511	24	24	3	450	47 00
No. 512	24	30	3	500	48 00



**Putting-Greens
Roller**

No. 700. Greens-keepers have found that a Roller about 4 ft. wide, weighing about 160 lbs., is right. Evenly surfaced; will not leave a mark or ridge on the greens. Made of cast steel in 4 sections. Price, \$32.00.



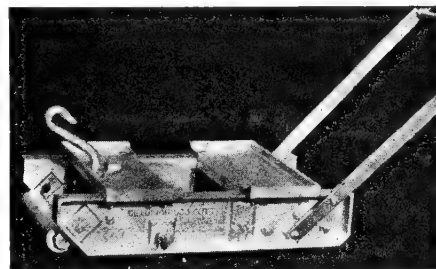
**Keystone
Golf-Ground
and Lawn Horse Rollers**

Made of cast-iron, carefully finished with beveled-edge drums; equipped with shafts for one horse, or tractor hitch. All sizes are equipped with weight boxes to permit additional loads.

	Diam. in.	Length in.	Sections	Weight lbs.	
No. 341	24	40	4	800	Prices on application
No. 342	24	50	5	950	
No. 370	20	60	5	1150	
No. 372	24	60	5	1450	

We can also supply heavier Rollers for land and golf-ground use.

Prices on the above are f.o.b. factory. Nos. 341 and 342 can be furnished with shafts for horse-drawn only; Nos. 370 and 372 with horse or tractor hitch.



Champion Sod-Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$64.00. Extra knives for above, \$14.50. Disc Knives, \$3.50.



American

Turf or Sod-Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

American. Steel blade, with an 18-in. steel shank and wood D handle. Price, \$2.60.



Brush Hook

No. 10. An ideal tool for cutting heavy bushes, weeds, etc. Price, \$2.50.



**Spike-Disc Perforator for Lawns
and Greens**

A new principle in spikers, with knife-like steel teeth which cultivate and aerate in one operation, eliminating hard-baked surfaces and forming a mulch so necessary for the retention of moisture.

No. 22.	11 discs.	Width 10 in.	.....	\$16 50
No. 25.	15 discs.	Width 14 in.	.....	21 00
No. 30.	19 discs.	Width 18 in.	.....	29 00



**Michell's
Spike-Tooth
Roller**

No. 706. For aerating the sod on golf courses, putting-greens, parks, and large lawns. 18 in. wide, made in two sections; diam. 9 in.; weight, 70 lbs. Made of seasoned oak staves with cast-iron heads. Closely covered with steel spikes. Sand-bags can be used for additional weight. Price, \$29.

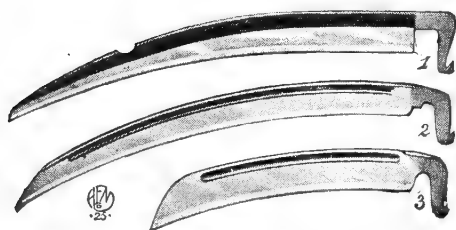


**Midget Spike-Tooth
Roller**

For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price, \$9.00.

PRICES ON THIS PAGE SUBJECT
TO CHANGE

MICHELL'S LAWN AND GARDEN ACCESSORIES



Key to illustration: No. 1, English; No. 2, American; No. 3, Little Giant Brush

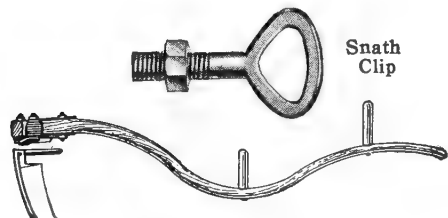
Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

Little Giant. 32-in.....	\$2 25
34-in.....	2 25
36-in.....	2 25
Little Giant Brush or Briar	2 50

The English Scythes are best for fine grass or lawn work.

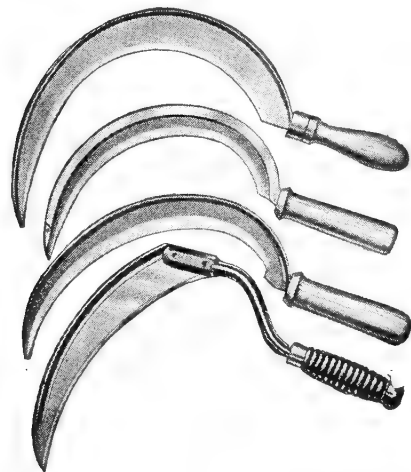
English. 32-in.; rivet back.....	\$3 00
34-in.; rivet back.....	3 25
36-in.; rivet back.....	3 75
Austrian. 34-in.....	3 50



Scythe Handles

No. 30. Made of hardwood, well finished.

Regular Scythe Style. Price, \$2.25.
Snath Clips. Price, 30c.



Sickles or Grass Hooks

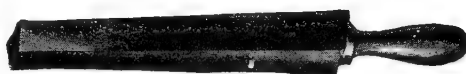
Dutch. No. 2.....	\$0 75
Austrian.	75
English Rivet Back. No. 2.....	1 25
English Rivet Back. No. 3.....	1 25
English Solid Back. No. 2.....	85
Little Giant.	80
Long Handle. No. 6.....	1 25



Carborundum Rife

Price, 35c. each

PRICES ON THIS PAGE SUBJECT TO CHANGE



Carborundum Files
No. 57. Price, \$1.00 each.



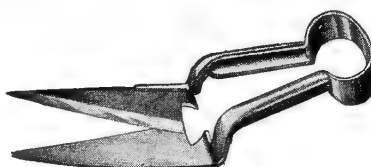
Flat Files

For sharpening lawn mowers.	
8-in.....	Each \$0 40
10-in.....	45
12-in.....	85



Scythe Stones

	Each	Doz.
Sir Pike. Talacre Style.....	\$0 35	\$4 00
Talacre. Imported.....	50	5 75
Darby Creek.	30	3 35
Carborundum. Very fine...	40	4 60

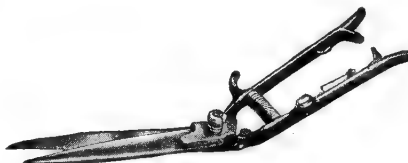


Grass Shears

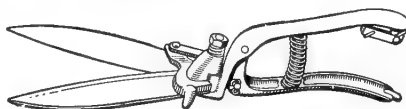
For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

No. 235. American. 6-in.....	\$0 65
No. 012. American. 6-in.....	2 00
No. 114. English. Trowel shank handle. 7-in.....	2 75
No. 113. English. Straight handle. 7-in.....	2 50
No. 0267. American. 5½-in.....	1 00

Michell's Grass Shears



No. 90. Cuts grass easier than ordinary Shears. Built like hair-cutters; blades forged steel. Price, \$1.00.



Level-Cut Grass Shears

An improved idea in Grass Shears. Handle grip operates at right angle to the blade, making operation less tiring. Full hollow ground. Price, \$1.50.

Doo-Klip Grass Shears

Standard, \$1.50



No. 1102 No. 1103 No. 1104

Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

No. 1102. 9-in. Without wheel.....	\$4 75
No. 1103. 9-in. With one wheel.....	5 00

Handles for Border Shears. \$1.25 per pair.

Lawn Shears

For trimming under shrubbery, fences, and other out-of-the-way places. The two wheels permit the Shears to move over the ground freely, backward and forward.

No. 1104. 8-in. blade; long handle. \$5.00.

Grasswips

The New Double-Edged, Long-Handled Grass-Cutter.

The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

No. 165. The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with maple handle. Enameled in red and green. Price, \$1.10.



Weed Cutter

No. 26 Kelly Weed Cutter

A new tool with double-edge cutting blade. Used with an easy swinging motion, it makes short work of weeds. Price, \$1.35.

A Turf Edger is a valuable tool for every gardener

MICHELL'S LAWN AND GARDEN ACCESSORIES



Crab Grass and Dandelion Rake

No. LDR. Curved saw-tooth head; 26 teeth; width of head, 15½ in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$1.35



**Improved Metal Grip Rake
Bamboo Rakes**

Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower-beds, borders, and the lawn.

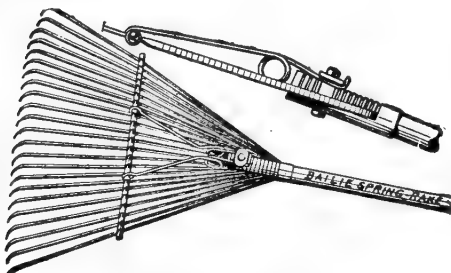
18-in. With bamboo handle (old style) \$0 50
18-in. With hardwood handle..... 75
24-in. With hardwood handle..... 1 00
30-in. With hardwood handle..... 1 50



Wire Lawn or Grass Rake

Made of heavy tinned steel wire. The Rake is reversible, and excellent for lawn or walk work.

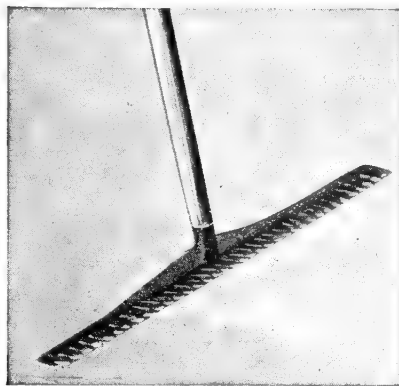
No. 124R. 24-tooth.....\$1 10
No. 36LR. 36-tooth..... 1 85



Bailie Spring Rake

Fitted with extra-heavy spring from handle to spacer. Has teeth made from spring wire, slotted and keyed throughout. Ideal for lawn or driveway.

No. D-24. 24-tooth.....\$2 00
No. D-18. 18-tooth..... 1 40



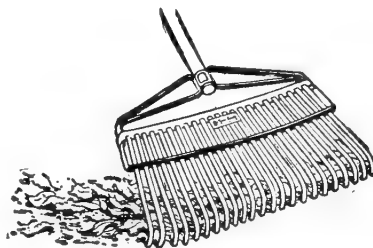
Excelsior Rake

An exceptional Rake 24 inches wide, with 36 teeth, braced on shoulders as shown. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$2.50.



Steel Brume Rake

Spring steel teeth; will remove the smallest leaves and litter. Price, \$1.25.



Lawncomb Rake

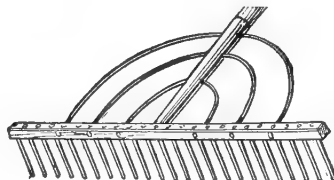
The Lawncomb cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-in., natural-finish handle. Price, \$2.00.



Fuller Lawn Broom

Well made of good material. Has 28 flexible, spring steel teeth, ¾ in. apart.

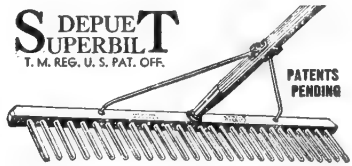
Price, \$2.00.



Ames, No. 37X Rake

Wooden Rakes

Ames, No. 37X. 28-tooth; width 26 in.; steel bows. Price, \$1.50.



Depue Superbilt Rake

The finest wood Lawn Rake ever offered. The head of the tool and the handle are of straight-grained ash; the 28 teeth of hickory. Price, \$2.50.



Steel Garden Rakes

Made of best cast steel, with long teeth.

No. 12. 12-tooth.....\$1 20
No. 14. 14-tooth..... 1 35
No. 16. 16-tooth..... 1 50
No. 18. 18-tooth..... 1 75



Steel Gravel Rakes

These Rakes are used for road-making and for paths. Having short teeth, they do not gather up stones or gravel.

No. G14. 14-tooth.....\$1 75
No. G16. 16-tooth..... 1 85



Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

No. B12. 12-tooth.....\$1 45
No. B14. 14-tooth..... 1 55
No. B16. 16-tooth..... 1 75

Michell's Excelsior Steel Garden Rake

Nicely balanced; 16-tooth only. Price, \$1.00



**Hoe and Rake
(Combined)**

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P. 4-prong.....\$1 30
No. 6P. 6-prong..... 1 60

Dock Lifter

For field and farm use. Will up-root the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$5.50. (Not mailable.)



Dock Lifter

PRICES ON THIS PAGE SUBJECT TO CHANGE

SEE PAGE 1 FOR PARCEL POST RATES

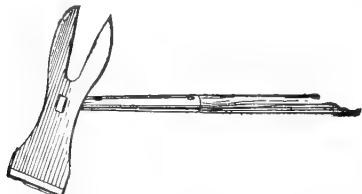
Here are hoes adapted to practical gardening

MICHELL'S LAWN AND GARDEN ACCESSORIES



Square Hoes

- No. G06.** 6-in.; solid shank.....\$1 20
No. G07. 7-in.; solid shank..... 1 30
No. G08. 8-in.; solid shank..... 1 40
Special. 7-in. only; solid shank; 4½-ft. handle..... 80



Two-Prong Onion Hoe

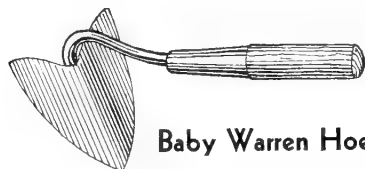
Will be found very valuable in weeding narrow rows. **No. 2P.** Price, 80c.



Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

- No. W7.** 7-in.....\$1 55
No. W7½. 7½-in..... 1 80



Baby Warren Hoe

- No. BW4½.** Short handle. Price, 90c.

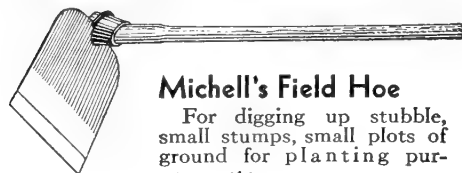


Scuffle Hoes

Made of best steel.

- 4-in.....\$1 25
 5-in..... 1 40
 6-in..... 1 50
 7-in..... 1 65
 8-in..... 1 75
 9-in..... 1 85
 10-in..... 2 00

Handles for Scuffle Hoes, 35c. each, extra.



Mitchell's Field Hoe

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

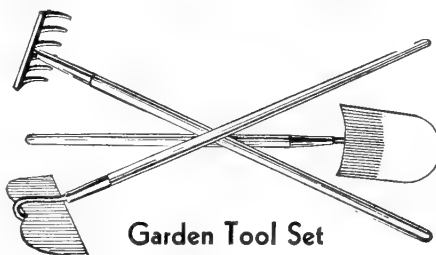
- No. GE40.** 5½-in. blade.....\$1 10
No. IGH7. 7-in. blade, extra heavy.. 2 10



The Handy Hoe

A garden implement especially designed to cultivate and weed the closely planted garden. Reaches into every nook, taking care of the places usually neglected. It cultivates by dragging—not hopping—thus roots are not disturbed and foliage is not broken. Price, 65c.

PRICES ON THIS PAGE SUBJECT TO CHANGE



Garden Tool Set

For ladies and children. Set consists of 1 hoe, 1 rake and 1 spade. **No. 3PF.** Large size. \$2.50 per set.



Garden Tool Combination

Nothing delights the garden enthusiast more than fine tools. Here is a special combination of hand tools, consisting of trowel, weeder, spading fork and Warren hoe, four indispensable implements for the complete gardener. The tools themselves are top quality, highly polished, and beautifully finished. Complete Set \$2.50.



Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

- No. 4.** 4-tine.....\$1 85
No. 6. 6-tine..... 2 20

Gardex Tools

Made of finest grade, high carbon steel.

Pull Hoe

Weeds as it cultivates

- No. 1004.** 4 in. wide; 4½-ft. handle. Price, \$1.10.

- No. 1005½.** 5½ in. wide; 5-ft. handle. Price, \$1.25.



Multi-Claw

The ideal tool for flower and rock-gardens.

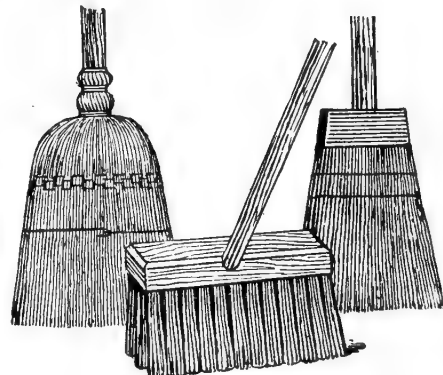
- No. 180.** 4½-ft. handle. Price, \$1.00.



Hand Plow

Excellent for hilling corn, potatoes, or any plants.

- No. 2006.** 6 in. wide; 5-ft. handle. Price, \$1.75.



Plain Corn Rattan Push Fibre

Brooms and Brushes

For sweeping paths, gutters, roads, etc. All with handles.

Brooms

- | | Each |
|---|--------|
| No. 9. Fibre..... | \$1 10 |
| No. 8. Corn and Rattan mixed..... | 1 25 |
| Golf Greens. Birch..... | 35 |
| No. 7. Plain Corn. Extra quality.... | 1 00 |

Road Brushes

- No. 1414.** Bass or Cocoa Push. 14-in.. 1 10
No. 271. Rattan Push. 14-in..... 1 10
Keystone White-wash Brush No. 7. 1 50



Fox Shovel

Shovels

Shovels can be supplied in short or long handles, square or round points. Please state type desired.

- Fox**.....\$2 00
Conneaut..... 2 25
Empire..... 1 75



Steel Scoop Shovels

Strapped shanks; short wood D handle.

- No. 3.** 11-in. mouth.....\$2 10
No. 5. 12-in. mouth..... 2 35
No. 6. 13-in. mouth..... 2 50



Steel Spades

- Conneaut.** Short handle.....\$2 25
Fox. Short handle..... 2 00
Nursery. Conneaut's Special..... 4 50
Empire. Short handle..... 1 75
Boys' Spade..... 1 50
Ladies' Spade..... 2 15



Owosso Snow Shovel

Snow Shovels

- Owosso.** Galvanized. 16 in. wide....\$1 40
 20 in. wide..... 1 75
No. 218. Cronk. Steel. 18 in. wide.... 1 50

Buy a sturdy steel spade to make digging easy

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Snow Pusher
\$1.75 each



Steel Hay Fork

036B. 3-tine; 6-ft. handle.....\$2 35



Spading Forks

Strapped shanks, short or D-wood handle.
Made of best-quality steel.

No. OHW. Men's. 4-tine.....\$2 10

No. 05HD. Men's. 5-tine.....2 35

No. B4D. Boys' or Ladies'. 4-tine.. 1 50

No. POL4D. Michell Special. 4-tine;
nicely finished, with D bachelor
handle, medium weight..... 1 40



English Digging Fork

No. ED4. The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools. 4-tine, \$3.40 each.



Manure Forks

Strapped Shanks

04W. 4-tine. Light, short handle.... Each \$2 20

163. 4-tine. Heavy, short handle... 2 75

044 1/2. 4-tine. Long handle..... 1 95

054 1/2. 5-tine. Long handle..... 2 20



Michell's Special Fork

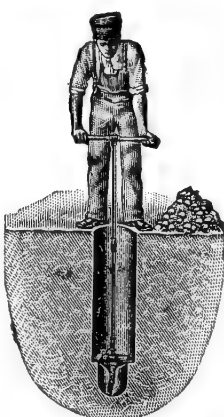
No. PO4D. 4-tine, strap ferrule, iron D handle.....\$1 30

Implement Handles

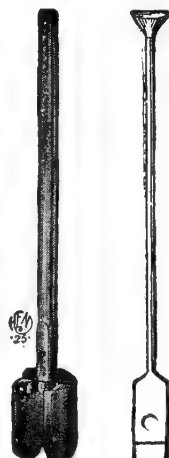
	Each
Axe	\$0 50
Spade. Plain.....	75
Spading Fork. Plain.....	90
Manure Fork. Plain; short.....	75
Manure Fork. Plain; long.....	75
Shovel. Plain; short.....	75
Spade. Plain; short.....	75
Hoe. Plain.....	25
Rake. Plain.....	50
Pick or Mattock	50
Poles. 12-ft.....	2 25
14-ft.....	2 50

PRICES ON THIS PAGE ARE SUBJECT
TO CHANGE

SEE PAGE 1 FOR PARCEL POST RATES



No. 8 Digger



Eureka

Spade

Post-Hole Diggers

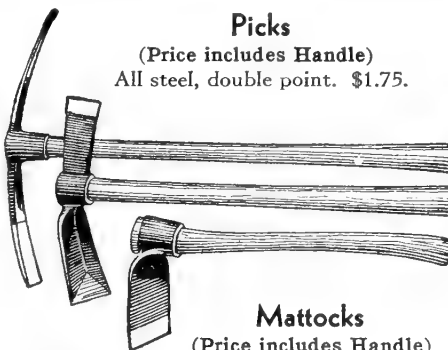
No. 8. This bores a hole 3 1/2 feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$6.25.

No. 15. Eureka. Price, \$2.50.

Post-Hole Spade. All steel with tamper end. Price, \$4.25.

Michell's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$2.50.



Picks

(Price includes Handle)

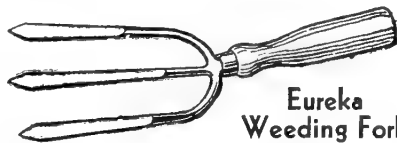
All steel, double point. \$1.75.

Mattocks

(Price includes Handle)

Axe pointed..... 2 35

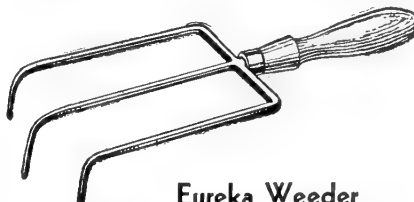
Half Mattocks or Grub Hoes..... 2 00



Eureka Weeding Fork

No. 300. Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 60c.

No. G4. Long handle. Price, 90c.



Eureka Weeder

No. E. Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs. Short handle. Price, 60c.

No. EL4. Long handle. Price, 85c.

Excelsior Weeder

Made of malleable iron, finished in tin. Price, 15c.



Hazeltine Weeder

No. 200. Price, 50c.



No. H Style

Magic Weeder

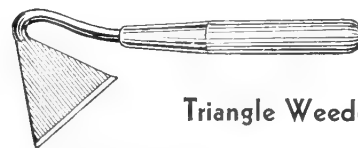
Made of heavy, galvanized, flexible wire with flattened prongs or ends.

No. A. Short handle; small..... Each \$0 15

No. B. Short handle; medium..... 20

No. F. Long handle..... 85

No. H. Long handle; large..... 1 25



Triangle Weeder

No. 3W. Short handle. Price, 75c.



Cape Cod Weeder

An extremely handy tool for working in close quarters, and especially adapted for bench-work in greenhouse and conservatory. Price, 75c.



Rifle Weeder

The device is the same size and shape as a cane. Pressure puts tool-steel prongs down and around the weed. A twist and a lift removes weed—root and all. By snapping the trigger in handle it shoots the weed 6 to 8 feet into convenient container, cleaning Weeder at the same time. The only Weeder on the market that will refill the hole. Repeat operation using spare sod or earth. Price, \$2.85.

MICHELL'S GARDEN AND FARM TOOLS, ETC.



Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it, without disturbing the surrounding soil. Price, \$1.25.

Bluebird Weed Puller

Adapted to pulling big weeds. It is strong and should last a lifetime. Fitted with a 42-inch finished handle. Price, \$1.50.

Doo-Klip Weeder

A Weeder that allows you to stand in an upright position and still remove weeds positively, quickly, and accurately. Pinch-proof grip is mounted on a tubular steel

handle. Blade of hardened tool steel, serrated and curved. After cut is made and withdrawal started, raker hook clamps weed so that it can be deposited where wanted. Price, \$2.00.

Dan-D-Lion Killer-Kemical



A small amount applied at the crown of the plant will cause it to shrivel up and in a few days the foliage above the ground will wither away, while the decayed root provides fertilization, so that the surrounding grass soon crowds in and covers the spot without reseeding. Also destroys plantains, thistles, and other types of vegetation. ½ gal. \$1.45; gal. \$2.35; 5 gals. \$11.25.

Other Weed Killers, see page 123

Killer Kane

A tube with a valve at the bottom. Fill tube with Killer-Kemical and set the Kane down over the crown of the weed to be destroyed. A slight pressure on the handle releases a small amount of Killer-Kemical. Price, \$1.25.

Killer Kit

Special combination, including Killer Kane and ½ gal. Killer-Kemical. Price, \$1.95.

PRICES ON THIS PAGE
SUBJECT TO CHANGE

SEE PAGE 1 FOR
PARCEL POST RATES

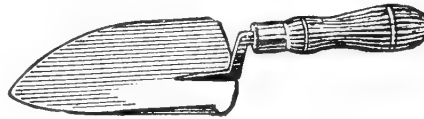


Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 55c. each.

Root Weed Gun

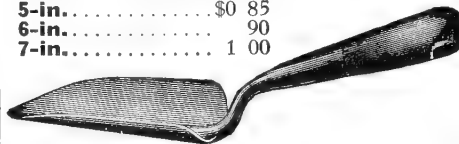
A wonderfully simple, effective tool for applying all dry chemical weed-killing materials. Used as one would a cane, it discharges sufficient material on the heart of each plant without danger to surrounding grass. Price, \$1.50.



Johnson Steel Trowels

No. 211. These are made of one-piece steel blade and shank, with wood hand-grip.

5-in.	\$0 85
6-in.	90
7-in.	1 00



D. S. T. Steel-Shank Trowel

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Price, \$1.00.



Cleves' Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

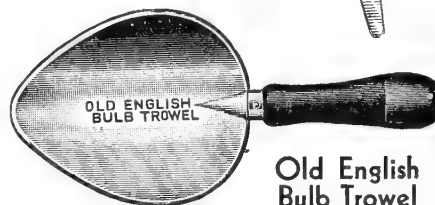
5-in.	Each \$0 25
6-in.	30
7-in.	35

Miscellaneous Trowels

No. 800. 5-in.; heavy steel.	\$0 15
No. 215. Steel. Wood handle.	30

Transplanting Trowel

Steel shank and blade. Price, 85c.



Old English Bulb Trowel

Heart-shaped blade, 4¾ inches wide. For planting out bulbs and plants. Price, \$1.00.

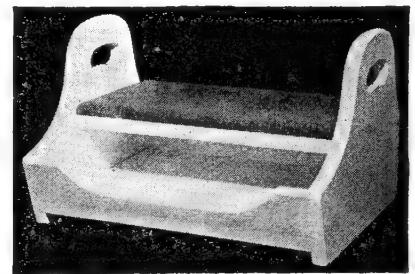
Dibbles

For planting bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point. Price, \$1.45.

No. 218. Iron point. Price, \$1.00.



Kneelevator

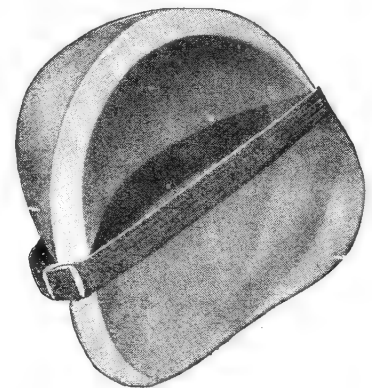
A modern garden and household necessity for every kneeling need. Selected cypress, extremely strong and light in weight, with sponge rubber kneeling platform.

De Luxe Model. 14½ in. long, 10 in. wide, 12½ in. high, with hinged platform for storage of small tools. \$4.75.

All-Purpose Model. 14 in. long, 10 in. wide, 8½ in. high. Painted green. \$2.50.

Rubber Kneeling-Pads

Will protect the clothing and prevent knees from becoming damp. Price, 50c.



Neegards

The Modern Knee Protector

Ideal for gardening and housework, floor-work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$1.00.

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle. Price, 65c.



Garden Gadget

Here is a tool that every gardener will want for his kit. Use it as a bulb planter or transplanter—unlock it and you have two trowels. The trowels are marked in inches, so you have a depth-gauge and a measure with you at all times. 50c. each.

MICHELL'S FARM AND GARDEN TOOLS, ETC.



Axes
Plumb Made. Medium, man's size; made of best-quality steel. Price, \$2.75.



Steel Hammers

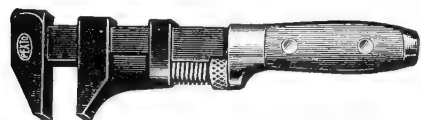
No. 145. Price, \$1.25.



Hatchets

Made of the best-quality tool steel that will keep an edge.

Plumb. Price, \$1.75.



Monkey Wrenches

Made of first-quality hard steel. Each
8-in. \$1 50
10-in. 2 00



Steel Pliers

No. 70. Side cutting, 6-in. Each \$1 00
No. 70. Side cutting, 7-in. 1 25

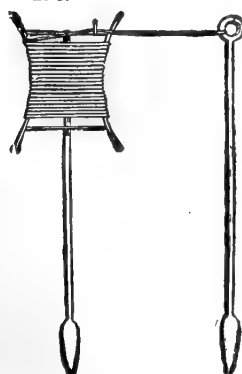


Screw Drivers

Each
4-in. \$0 35
8-in. 50

Husking-Pins

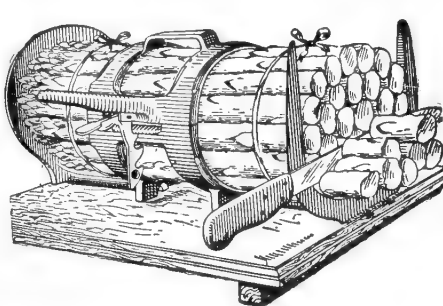
The Boss. Combination, leather and metal. Price, 25c.



Garden Reels

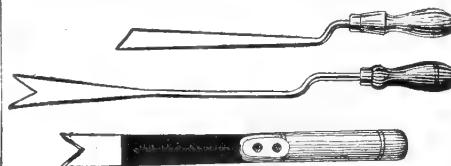
Medium. Single. Price, \$2.75.

PRICES ON
THIS PAGE
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Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$4.50.



Asparagus Knives

No. 2501. (Top illustration) Each \$0 40
No. 2500. (Center illustration) 45
No. 2311. (Bottom illustration) 45

Asparagus Tape

Fast Red. 1000-yd. spool. Price, \$5.75.
Green. 1000-yd. spool. Price, \$4.50.

Rubbish Consumers

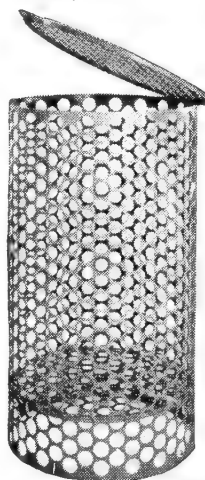
No. 5. Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$6.00.

Round Hole

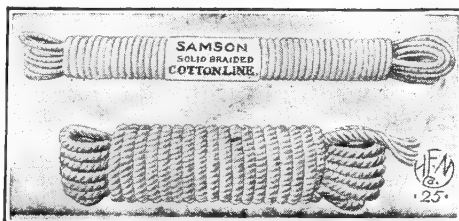
It is 32 inches high and about 18 inches in diameter with a perforated raised bottom. Sturdily constructed and painted a dark green, assuring definite satisfaction. Price, \$5.00.

Extra-Heavy Construction

No. 20. 20 x 30 in. Price, \$18.00.



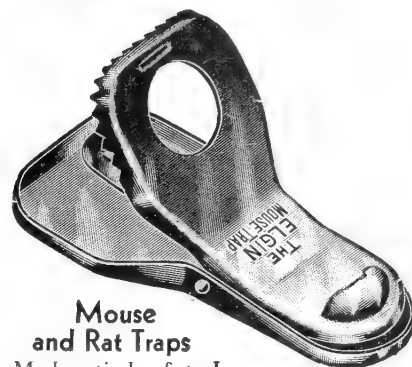
Round Hole Rubbish Consumer



Garden Line

Best-quality white cotton braid woven closely. 100-ft. hanks. Price, \$1.00.
Plow Line. Cotton. 45-ft. hanks. Price, 60c.

SEE PAGE 1 FOR PARCEL POST RATES



Mouse and Rat Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

Mouse. \$0 10 | **Rat** \$0 25

Horticultural Knives

American.

B1354 1/2. 1 blade. Black handle. Pruning \$1 50

727W. 2 blades. White handle. Pruning and budding 1 60

7303. 2 blades. Stag handle. Pruning and budding 1 50

1001. 1 blade. Cocoa handle. Pruning 1 10

1350. 1 blade. Aluminum handle. Budding or grafting 1 75

English

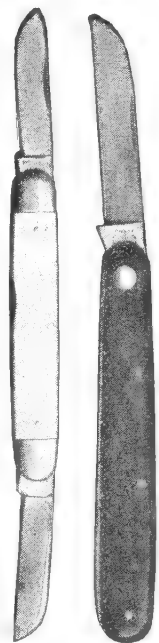
7705. 1 blade. Stag handle. Extra heavy pruning 3 50

7954. 2 blades. White handle. Pruning and budding 3 50

7962B. 1 blade. Stag handle. Heavy pruning 3 50

7940. 1 blade. White handle. Budding 3 50

7941. 1 blade. White handle. Pruning \$3 50



Corn Knife

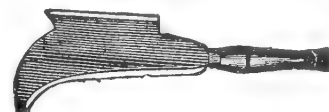
No. 300. Eureka. Bent blade. Price, 75c.



Steel Hedge Knife

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 1. Short handle. Price, \$1.25.



English Bill Hooks

For trimming heavy shrubbery, trees, etc.

Short Handle. Price, \$3.00.

Long Handle. Price, \$4.50.

Have you seen the new Little Wonder Hedge Trimmers?

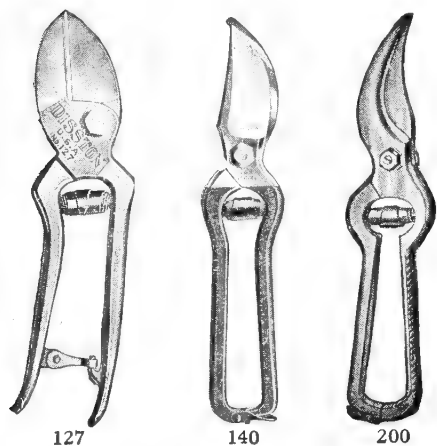
MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES



Pruning Shears

These are procured from the most reliable makers and are fully guaranteed.

	Length	Each
No. 156. Disston	8 1/2 in.	\$3 50
No. 127. Disston	8 1/4 in.	2 25
No. 146. Disston	9 in.	1 50
No. 140. Disston	9 in.	1 25
No. 908. Wiss Hy-Power	8 in.	2 25
No. 109. Wiss	8 in.	4 25
No. 607. Wiss	7 in. Full nickel-plated.	Each \$1.75.



	Length	Each
No. 5. Michell	9 in.	\$0 50
No. 200. Michell	9 in.	4 75

Spiral Springs. For any of the above Pruning Shears, each 20c.; doz. \$2.00.

Horsehide Pruning Gloves

No. 280. Lined, with gauntlets. \$2.25 per pair.



No. 228F. Not lined, no gauntlets. \$2.00 per pair.

No. 217. Not lined, with gauntlets. \$1.85 per pair.

Eazy Wear Garden Gloves

A soft, pliable, all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. 75c. per pair.



Hedge Shears

	American	English
8-in.	\$2 75	\$4 25
9-in.	3 00	4 50
10-in.	3 25	5 00
12-in.		7 00

Bolts and Nuts for Hedge Shears, 30c.
Handles for Hedge Shears, pair \$1.25.
Yeakle Hedge Shears, \$5.00.



Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Wood-grip handles. Will not tire the arms. Each
8-in. \$3 50
9-in. 3 75
10-in. 4 00

Little Wonder Hedge Trimmer

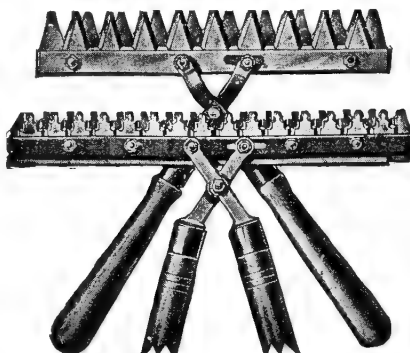
The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure. Long cutting-bars which make a quick and even cut. Made strong and sturdy; built to last many years.

Junior. 30-in. cut.	\$34 00
Little Wonder. 40-in. cut.	37 00
Little Wonder. 60-in. cut.	42 00
Little Wonder, Jr. Electric. 27-in. cut.	65 00

Little Wonder Electric. Also available in 36-in. and 60-in. sizes. Prices on request.

Simplicity Hedge Trimmer

No. 100. To be used for fresh, new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$4.50.



Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, \$5.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE

See page 1 for Parcel Post Rates

Tree Pruners

Disston's Little Giant Pruner.....\$2 50

Disston's Little Giant Pruner, with saw attachment..... 3 50

Prices are for Pruners without rope or pole.



Adjustable Pole Pruning Saw

No. 111. Adapted for sawing by hand or attached to a pole. Handle made of malleable iron with socket, can be adjusted to different angles. Price, without pole, \$2.25.



Poles for Tree Pruners

10 ft. long, 1 1/2-in. diam.	\$2 00
12 ft. long, 1 1/2-in. diam.	2 25
14 ft. long, 1 1/2-in. diam.	2 50
Bamboo. 12 ft., in 3 sections.	1 75

Clyde Tree Trimmer

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to bass-wood handles. Removable cutting blade and pole complete.

6-ft.	\$2 50
8-ft.	2 75
10-ft.	3 00
12-ft.	3 25
14-ft.	3 50

Extra Blades for Clyde Pruners, each 25c.



Bartlett Compound Tree Trimmer

No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1 1/4 inches in diameter. Prices with pole complete.

6-ft.	\$6 50
8-ft.	6 75
10-ft.	7 00
12-ft.	7 50
14-ft.	8 00
16-ft.	8 50

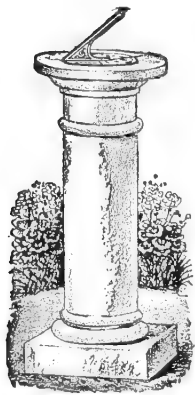
Pruning Compound

Used for painting the wounds of trees after pruning.

Qt.	\$0 50
Gal.	1 50

Use a Disston Pruning Saw to make a clean cut

MICHELL'S LAWN AND GARDEN ACCESSORIES



Sun Dials

These ancient time-tellers make an interesting fixture for the lawn and garden. Prices do not include pedestal.

No. 350. 8-in. diam.; bronze; plain. Price, \$4.50.

No. 351. 9½-in. diam.; bronze; with motto. Price, \$5.00.

No. 105. 10-in. diam.; bronze; with motto. Price, \$6.00.

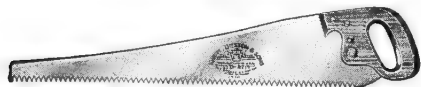
No. 107. 11-in. diam.; bronze; with motto. Price, \$7.50.



No. 4



No. 7



No. D27

Disston Pruning Saws

No. 4. 16-in., double edge.....\$1 75

No. 4. 18-in., double edge..... 2 00

No. 4. 20-in., double edge..... 2 25

No. 7. 16-in., single edge..... 2 00

No. 7. 18-in., single edge..... 2 15

No. 7. 20-in., single edge..... 2 25

No. 5. 20-in., double edge, curved blade..... 2 25

California Pattern. 14-in. Crescent-shaped blade..... 1 75

Yorkstate Pruning Saw No. 22...... 2 50

No. D27. A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1¼ in. at the point; 26 in. long; hardwood handle..... 4 00



Cross-Cut Log Saws

Disston Make

No. 554. Champion. One-man; 3-ft. blade.....\$4 00

Great American. Two-man; 5-ft. blade..... 6 50

Buck Saw

No. 3. Price, \$1.75.

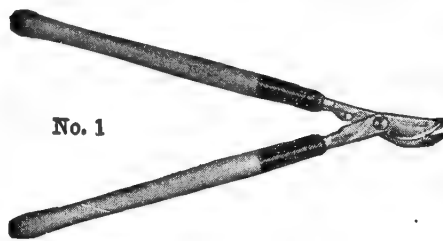


Carpenter Saws

State if rip or cross-cut is wanted.

No. 8D. Disston. 26-in. blade. Price, \$3.50.

SEE PAGE 1 FOR PARCEL POST RATES



No. 1

Lopping Shears

No. 1. Disston. Polished hardwood handle, 20 inches long; 27½ inches over all; heavy ferrule; heavy blades for heavy work. Weight, 3¼ lbs. Price, \$3.75.

No. 3. Disston Bull Dog. Double-cutting type with both jaws curved and beveled to cutting edge. Length of handles, 20 in. Price, \$3.60.



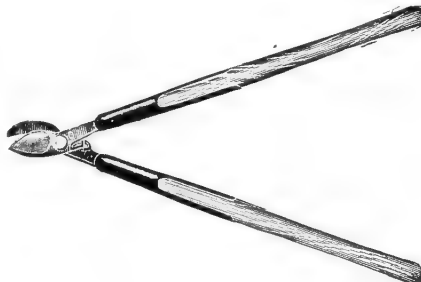
Disston Lopping Shears

No. 7. Cuts 1½-in. limbs with ease. 24 in. long. Price, \$4.00.



Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook, and shank are forged from tool steel. Natural finish ash handles. Pressed steel strapped ferrule and cap. Length of handles, 30 in. Price, \$4.75



Clyde Lopping Shears

No. 5409. Solid tool-steel blade and hook; hardened steel bolt with lock nut. Handles natural finish ash. Polished pressed steel ferrule and cap. Length of handles, 24 in. Price, \$2.25.



Forester Lopping Shears

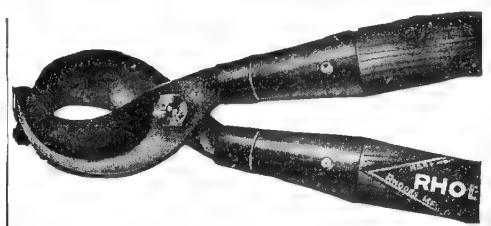
Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

No. 2. 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, \$6.00.

No. 3. 34 in. long. Capacity, 2 in. Weight, 7 lbs., 4 ozs. Price, \$7.00.

PRICES ON THIS PAGE SUBJECT TO CHANGE



Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concaved at the cutting edge, producing, with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold. 26-in. and 30-in. handles. Price, \$6.00.

Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. ¼lb. 25c.; ½lb. 40c.; lb. 65c.



Grafting Tool

Made of the best steel. For grafting trees, etc. Price, \$1.25.

Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft.....	} 85c. per foot
22-ft.....	
24-ft.....	
28-ft.....	
30-ft.....	
32-ft.....	} 90c. per foot
36-ft.....	
38-ft.....	
40-ft.....	



Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft.....\$5 20	18-ft.....\$11 70
12-ft..... 7 80	20-ft.....13 00
14-ft..... 9 10	22-ft.....14 30
16-ft.....10 40	

Stepladders

Columbia. 3-step up to 10-step. Price per step, 80c.



Weather-Vanes

Made of aluminum and brass; will not rust; ball bearing. Finished in imitation gold and brass, or can gold-leaf any Vane.

Sloop Model. Height 12 in. Price, \$2.00.

Also Ships, Arrows, Dogs, Horse, and many others.



MICHELL'S FARM AND GARDEN ACCESSORIES

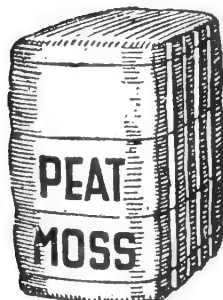


Ellisco Beetle Catchers

Type 4. This is the most recent type, developed for the United States Department of Agriculture in experiments to control the spread of the beetles. Enameled yellow. Fitted with a standard screw cap for Mason jars. Price, without jar, \$1.10.

Type No. 1. Similar in design to No. 4 but smaller in size. Price, without jar, 50c.

Beetle Bait. For use in beetle traps. $\frac{1}{4}$ lb. 30c.; $\frac{1}{2}$ lb. 50c.; 1 lb. \$1.00; 5 lbs. \$4.00.



Peat Moss, Granulated

For full description, see page 133.

Large bale... \$5 00

5-bus. cartons. 2 25

1-bus. bags... 75

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent

material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil.

Bemis Erosionet

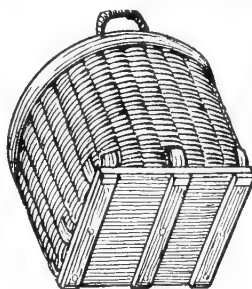
For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its $\frac{1}{4}$ -inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

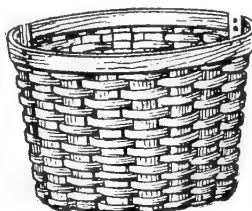
Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 10c. per lineal yd. in full rolls (250 yds.). Smaller lengths, 12c. per lineal yd.

Staples for above. Doz. 30c.; 100, \$2.00.



Rubbish Baskets

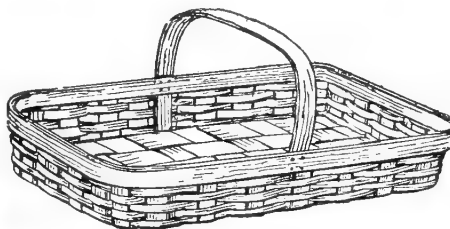
A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, each \$4.50.



Garden Baskets

No. 4. Without Handle.

	Each
$\frac{1}{2}$ -bus.....	\$1 00
1-bus.....	1 10



Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.00.



Splint or Chip Baskets

With Single Stiff Handles

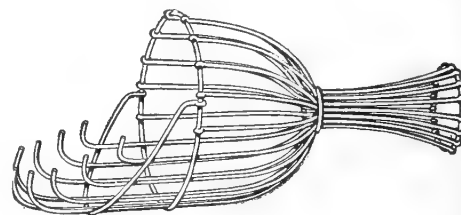
	Each	Doz.
$\frac{1}{8}$ -bus.....	\$0 15	\$1 40
$\frac{1}{4}$ -bus.....	20	1 70
$\frac{1}{2}$ -bus.....	25	1 75
$\frac{3}{4}$ -bus.....	35	3 50
1-bus.....	40	4 00



Grape-Protecting Bags

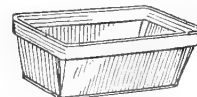
Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest.

	100	1000
2-lb. size.....	\$0 50	\$4 25
3-lb. size.....	60	5 00
4-lb. size.....	70	5 75



Boss Fruit Picker

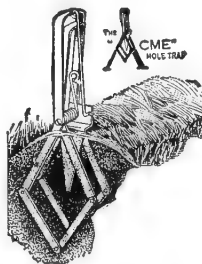
Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 60c.



Berry Boxes

	100	1000
1-pt.....	\$1 00	\$9 00
1-qt.....	1 00	9 00

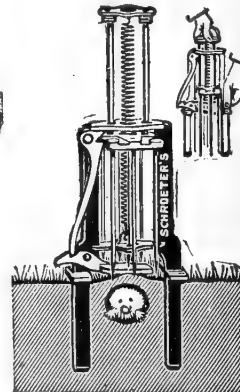
Mole Traps



Acme Mole Traps

For catching moles that ruin lawns and damage the contents of hot-beds and cold-frames. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period.

Acme. Safe, sure, easily set. The most efficient Mole Trap on the market... \$2 00



Reddick Mole Trap

Reddick. 1 25

See page 1 for Parcel Post Rates

PRICES ON THIS PAGE SUBJECT TO CHANGE

Label your plants—you learn those long names sooner

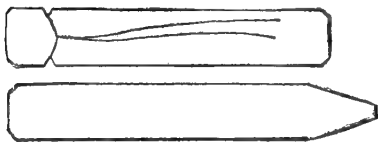
MICHELL'S FARM AND GARDEN ACCESSORIES

Painted Labels

POT	100	1000
4-in., 5/8-in. wide.....	\$0 35	\$2 50
4 1/2-in., 5/8-in. wide.....	40	2 60
5-in., 5/8-in. wide.....	45	2 75
6-in., 5/8-in. wide.....	50	3 00

GARDEN	1 00	6 75
8-in., 7/8-in. wide.....	1 00	6 75
10-in., 7/8-in. wide.....	1 50	8 00
12-in., 7/8-in. wide.....	1 85	11 50

FIELD	5 00	48 00
18-in., 1 3/4-in. wide, not painted	5 00	48 00



Tree Labels

Copper Wired. Plain.....	100	1000
Copper Wired. Painted.....	50	2 85

Copper Sheet. Wired.	Doz. 40c..	2 25
----------------------	------------	------

Zinc Sheet. Wired. Doz. 40c..	2 25
Indelible Marking Pencils. Price, 15c.	

Celluloid Pot Labels

No. 21. 4 x 5/8 in.....	Doz.	100
No. 22. 5 x 3/4 in.....	60	3 00

Simplex Weather-Proof Garden Label

Iron stake, 2 feet long.

No. 10. 2 3/4 x 1 1/2 in. Each 35c.; doz. \$3.50



Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

No. 1. 3 x 1/2 in.....	Doz.	100
No. 2. 4 x 3/4 in.....	85	5 00
No. 3. 5 x 1 in.....	1 25	7 00

Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

Border Size. 5 in. long; width of marking space, 2 in.....	Doz.	100
Rock-Garden Size. 4 in. long; width of marking space, 1 3/4 in.....	90	6 75

Show Garden Size. 7 in. long; width of marking space, 2 1/2 in.	1 25	9 50
---	------	------



Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

No. 31. 3 x 1/2 in.....	Doz.	100
No. 32. 4 x 3/4 in.....	75	4 00
No. 33. 5 x 1 in.....	90	5 50

Evermark Pencils

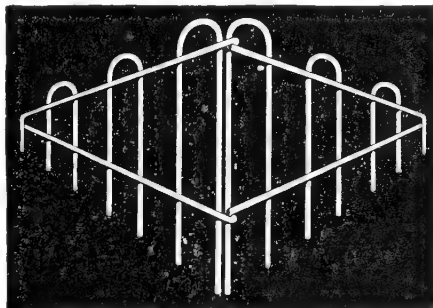
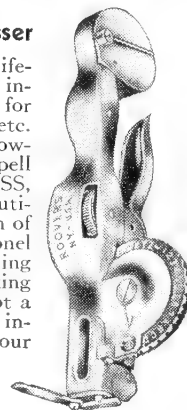


You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each 15c.; doz. \$1.65.

Make Your Own Metal Garden Markers

Roover's Label Embosser

The first practical life-time device for making indestructible metal labels for all plants, shrubs, trees, etc. Tells instantly what is growing where. Great fun to spell out the label and EMBOSS, with easy pressure, in beautiful raised letters on ribbon of spray-and-acid-proof Monel Metal. Any desired wording or length. Great for marking equipment, tools, etc. Not a 'gadget,' but a real indispensable tool to put your garden on parade. Complete with instructive circular, \$16.50. Money-back guarantee.



Ornamental Corner Guards

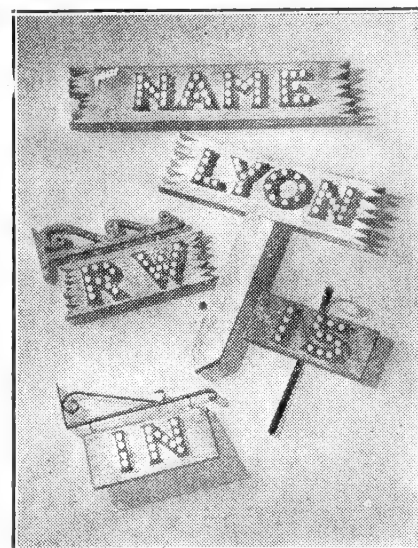
Their tapering sides add dignity and charm to the garden or lawn. Decorative and ornamental when used for protection of corners of lawn, around rock-gardens, flower-beds and house borders. Built in halves and hooked together to form a rigid protection or support. Made of heavy wire. Aluminized weather-proof finish.

No. 625. Each half 36 in. long and 30 in. high, tapering down to 12 in.	Price, \$1.00.
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"No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12 x 13 in. Price, each 25c.; 6, \$1.35; doz. \$2.60.

PRICES ON THIS PAGE SUBJECT TO CHANGE

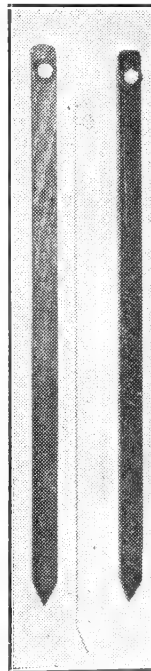


Reflecto Signs

For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under headlight glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Available in a variety of panel styles as illustrated, Reflecto Signs are made to order only, ranging upward in price from \$1.15 for one letter or numeral mounted on panel, depending on the number and size of the figures. Standard color combination is moss green letter on natural wood. Reflecto Letters and Numerals only (without panel) for easy attaching to any surface are available at the following prices.

2 in. or 2 3/4 in. high	\$0 65
3 in.....	85
4 in.....	95

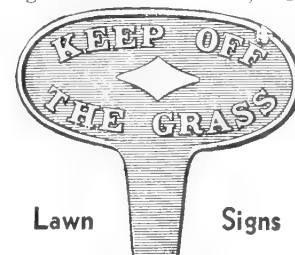


Night Eyes

Complete information on request.

Night Eye

The simple marker, inexpensive and practical, for the long driveway. Lenses mounted on both sides of clear pine stakes. Black, white or green stain. Each 50c.; doz. \$5.75.



Lawn

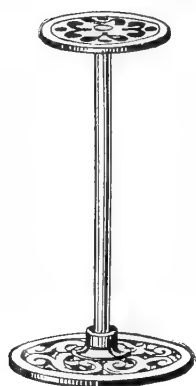
Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. Each \$1.00; doz. \$10.00.
Tin. Each 25c.

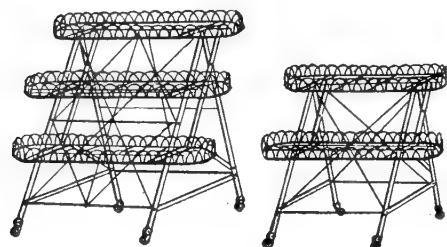
SEE PAGE 1 FOR PARCEL POST RATES

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES, ETC.



Iron Plant Stands Enameled Green

Size	Size of Plates	Each
12 in.	5 x 7 in.	\$2 10
18 in.	5 x 7 in.	2 25
24 in.	8 x 10½ in.	3 15
30 in.	8 x 10½ in.	3 25
36 in.	8 x 10½ in.	3 40
42 in.	8 x 10½ in.	3 50
48 in.	8 x 12 in.	3 75
60 in.	8 x 12 in.	4 00
72 in.	8 x 12 in.	4 50

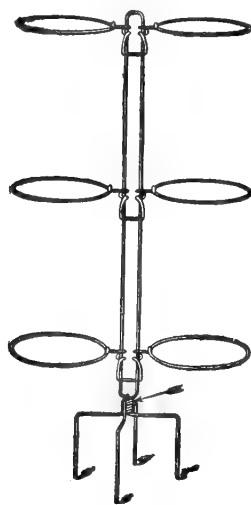


Jones Plant Stands

Wire Plant Stands

Painted dark green and finished in bronze. Very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Price
Jones. 1 shelf...	27 in.	25 in.	14 in.	\$3 00
Jones. 2 shelf...	28 in.	30 in.	21 in.	6 00
Jones. 3 shelf...	36 in.	30 in.	22 in.	7 00



Michell's Double 3-Ring Plant Support

The only Support of its kind on the market. Indispensable in the proper growing of carnations and snapdragons. Made of heavy galvanized wire which will not rust. Can be put together in less than a minute, and will not fall apart. Can be raised or lowered to suit plants.

- No. 1.** For Carnations. 28 in. high. Doz. \$2.00; 100, \$15.00.
No. 2. For Snapdragons. 48 in. high. Doz. \$2.50; 100, \$16.50.



Timesaver Plant Support

A long-lived, low-priced adjustable Support, all metal parts being galvanized. Java end is green. Can be adjusted as to height and size of loop almost instantly, and is practically hidden by the foliage of the plant it supports.

	Doz.
No. 1. 2½-ft.	\$1 00
No. 2. 3-ft.	1 20
No. 3. 3½-ft.	1 50
No. 3A. 4-ft.	2 10
No. 4. 5-ft.	2 75

Adjusto Plant Support

Consists of a stake 7/8 inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

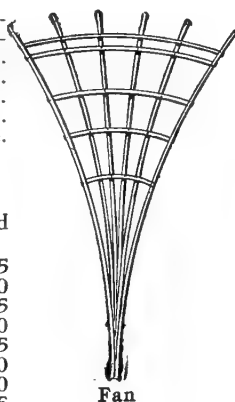


A permanent equipment which can be used year after year.

1½ ft. high.	Each 10c.; doz. \$1.00
2 ft. high.	Each 15c.; doz. \$1.25
3 ft. high.	Each 20c.; doz. \$2.25
4 ft. high.	Each 25c.; doz. \$2.50
5 ft. high.	Each 30c.; doz. \$2.75
6 ft. high.	Each 35c.; doz. \$3.00

Michell's Tomato or Peony Support

Made of galvanized wire in a substantial manner. Stands solid and firm. Price, each 40c.; doz. \$4.00; 100, \$32.50. Folds flat for storage.



Fan Trellis

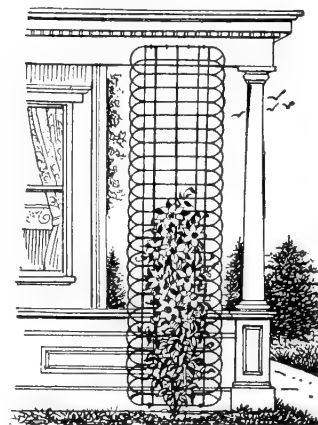
Made of wood and painted white.

18-in.	\$0 35
24-in.	50
30-in.	65
36-in.	1 00
42-in.	1 25
48-in.	1 50
72-in.	2 50
84-in.	2 75

Lattice Trellis

Made of wood and painted white.

	24 in. wide
6-ft.	\$2 75
7-ft.	3 25
8-ft.	3 75
9-ft.	4 00
10-ft.	4 25
12-ft.	5 50



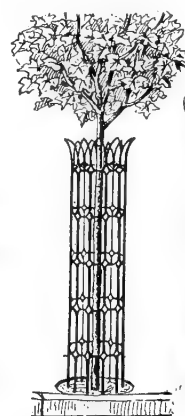
Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

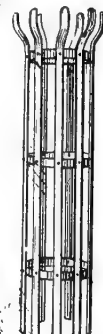
Any length desired up to 165 running feet. 18 in. wide. Less than 165-ft. roll, ft. 10c. 18 in. wide. In roll lots, 165 feet, ft. 9c. 24 in. wide. Less than 165-ft. roll, ft. 12c. 24 in. wide. In roll lots, 165 feet, ft. 10c.



Lattice Trellis



Wire Guard



Iron Guard

Tree Guards

Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner.

	Each
9-in. diam.; 6 ft. high	\$1 50
12-in. diam.; 6 ft. high	1 75

No. 4. Iron. Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 6 ft. high. Price, \$4.50.

Philadelphia Official Tree Guard. Made of heavy, round iron. 12-in. diam.; 6 ft. high. Price, \$7.00.

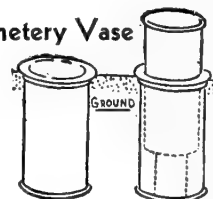
Cemetery Vases

For holding cut-flowers on cemetery lots, etc.

Tin. Enameled; large; green. Price, each 20c.; doz. \$2.00.

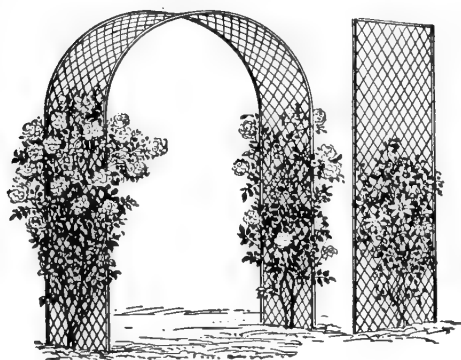
Ground-Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. Price, \$1.25.



Attractive Trellises will add interest to your garden

MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.



Galvanized Wire Work

This can be furnished on short notice, any height or any width, in either trellises or arches. Made of heavy diamond-mesh wire with strong frames. Sq. ft. 50c. on pieces aggregating 15 sq. ft. or over; less than 15 sq. ft., 60c. per sq. ft.

Poultry Wire Netting

Price is constantly changing and is subject to market.

No. 19. Galvanized; 2-inch mesh; 150 running feet per bale.

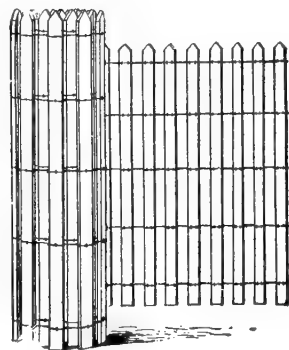
Width	Bale	Width	Bale
12 in.	\$1 50	42 in.	\$4 00
18 in.	2 25	48 in.	4 25
24 in.	2 75	60 in.	5 25
30 in.	3 00	72 in.	6 50
36 in.	3 75		

No. 20. Galvanized; 1-inch mesh; 150 running feet per bale.

Width	Bale	Width	Bale
12 in.	\$2 75	42 in.	\$7 00
18 in.	3 75	48 in.	8 00
24 in.	4 50	60 in.	10 00
30 in.	5 50	72 in.	11 50
36 in.	6 25		

Staples

$\frac{3}{4}$ -in., for fastening netting. Lb. 15c.

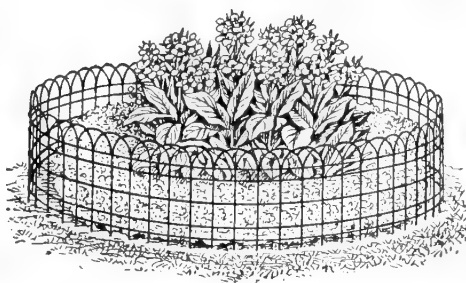


Cedar Picket Fencing

Will wear for years without paint. Readily put up and saves time, labor, and expense of fence-building. 50-foot rolls are carried in stock; 75- and 100-foot rolls will be shipped from factory.

3 ft. high, running foot 12c.
4 ft. high, running foot 15c.
5 ft. high, running foot 18c.

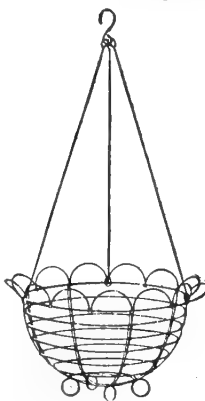
PRICES ON THIS PAGE SUBJECT TO CHANGE



Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 165 running feet.

16-in. Less than 165-ft. roll, ft. 10c.
16-in. In roll lots, 165 feet, ft. 8c.
22-in. Less than 165-ft. roll, ft. 12c.
22-in. In roll lots, 165 feet, ft. 10c.

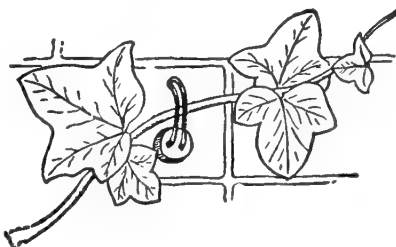


Wire Basket

Hanging-Baskets Galvanized Wire

For greenhouse, porch, and conservatory. Each Doz.

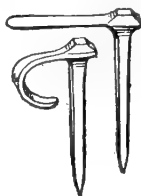
8-in.	\$0 35	\$3 50
10-in.	40	4 25
12-in.	75	8 00
14-in.	90	9 50
16-in.	1 00	11 00



Wayward Vine Guide and Support

For training and supporting Ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

Red for Brick, Gray for Stone, White for Cement. Box of 25, \$1.00.



Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

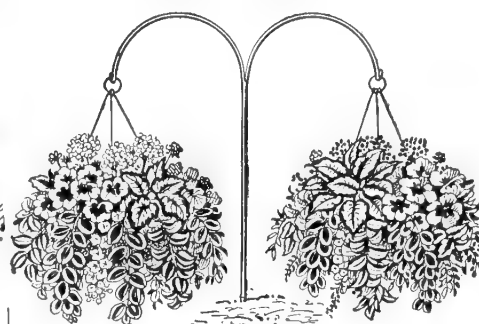
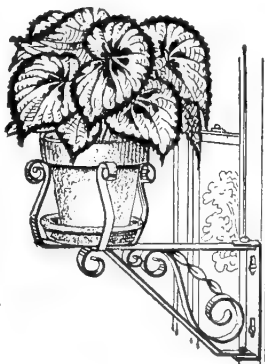
1-in., doz. 45c.; 100, \$2.75.
1½-in., doz. 60c.; 100, \$3.75.
2-in., doz. 75c.; 100, \$4.50.

Jones' Pot Bracket

No. 1. Holds 5-in. pot. Price, 65c.

No. 2. Holds 6-in. pot. Price, 75c.

No. 3. Holds 7-in. pot. Price, 85c.



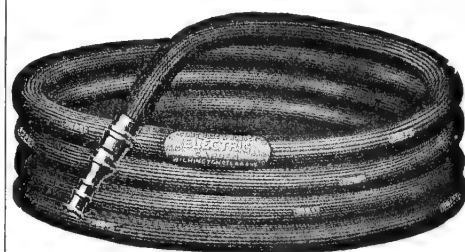
Basket Hooks

Thoroughly galvanized so they cannot rust.

Single. $\frac{1}{8}$ in. thick.....\$1 00

Double. $\frac{1}{4}$ in. thick.....1 25

These cannot be mailed



Rubber Hose

Michell's Special. $\frac{1}{2}$ -in.....Per ft. \$0 18

Michell's Special. $\frac{5}{8}$ -in.....19

Michell's Special. $\frac{3}{4}$ -in.....20

Electric. You cannot kink it. $\frac{1}{2}$ -in... 26

Electric. $\frac{3}{4}$ -in.....30

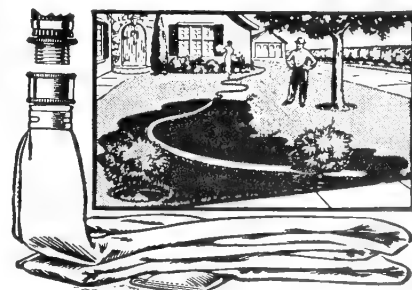
Super Bull Dog. $\frac{3}{4}$ -in.; green.....28

Spray Pump Hose. $\frac{3}{8}$ -in.....22

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

Hose Washers. $\frac{3}{4}$ -in., doz. 5c.; $\frac{1}{4}$ lb. 20c.; lb. 65c. 1-in., doz. 6c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.



Soil-Soaker

Like all-night rain

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically treated, mildew-resistant canvas; one end screws to water hose, other end closes. No spray—no waste on walks, driveways, in street—no excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens, hedges, shrubs, trees, etc. Savings on water bills, as much as 25 per cent. Get yours now!

4 Home Sizes

No. 0. 12 ft.....\$1 40

No. 1. 18 ft.....1 90

No. 2. 30 ft.....2 90

No. 3. 50 ft.....4 75

MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.



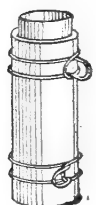
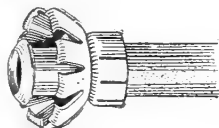
Cooper Hose Mender

Hose Menders	Each	Doz.
Cooper's. $\frac{3}{4}$ -in.	\$0 12	\$1 25
Cooper's. $\frac{5}{8}$ -in.	12	1 25
Cooper's. $\frac{1}{2}$ -in.	12	1 25

Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For $\frac{1}{2}$ -in. and $\frac{3}{4}$ -in. hose. Price, each 15c.; doz. \$1.20.



Caldwell Band as applied to Hose



Hose Bands

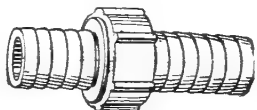
Caldwell's. For fastening couplings and menders.

	Doz.	Gross
No. 8. For 4-ply hose.	\$0 50	\$4 50
No. 6. For 3-ply hose.	50	4 50

Pliers for above, pair 40c.

Sure Grip. Can be furnished in $\frac{1}{2}$ -in., $\frac{5}{8}$ -in. and $\frac{3}{4}$ -in. Either size, each 5c.; doz. 50c.

Hose Couplings



	Pair	Doz.
Plain Brass. (See cut.) $\frac{1}{2}$ -in.	\$0 30	\$3 15
Plain Brass. $\frac{3}{8}$ -in.	30	3 15
Plain Brass. $\frac{1}{4}$ -in.	30	3 15



Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required. For $\frac{1}{2}$ - and $\frac{3}{4}$ -in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

Hose Reels

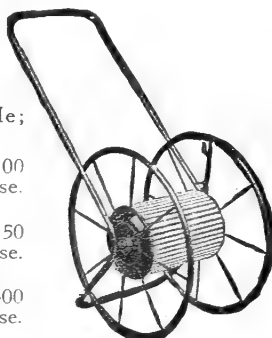
Wirt's Reel
(All iron)

Indestructible; light in weight.

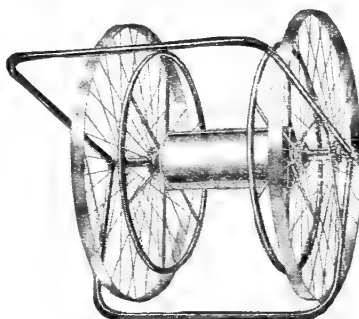
No. 10. Holds 100 ft. of $\frac{3}{4}$ -in. hose. Price, \$4.00.

No. 20. Holds 150 ft. of $\frac{3}{4}$ -in. hose. Price, \$5.00.

No. 30. Holds 400 ft. of $\frac{3}{4}$ -in. hose. Price, \$9.50.



Wirt's Reel



No. 31C Hose Reel

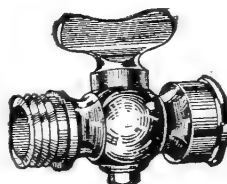
No. 31C. Holds 500 ft. of $\frac{3}{4}$ -in. hose. Price, \$17.00.

Victor Reel

Constructed with channel steel frame; cast iron wheels; solid steel reel arms; heavy corrugated steel drum. Holds 100 ft. of $\frac{3}{4}$ -in. hose. Price, \$1.75.

Siamese Hose Connection

No. 68. This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, \$1.10.

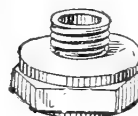


Shut-Off Connection

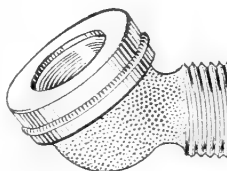
Cast brass, polished; $\frac{3}{4}$ -in. male thread on one end; $\frac{3}{4}$ -in. female thread on other end. Price, \$1.35.

Hose Reducers

For reducing 1-in. pipe to fit regular $\frac{3}{4}$ -in. hose. Price, 35c.



For reducing $\frac{3}{4}$ -in. pipe to fit $\frac{5}{8}$ -in. hose. Price, 75c.



Hydrant Attachments

For attaching hose to smooth faucets.

No. 2. For small spigot. Price, 60c.

No. 3. For large or standard spigot. Price, 70c.

Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, 65c.

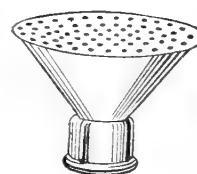
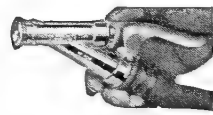


SEE PAGE 1 FOR PARCEL POST RATES

PRICES ON THIS PAGE SUBJECT TO CHANGE

Carter Lever-Spray Hose Nozzle

Hand-pressure regulates flow from fine mist to solid stream—automatic shut-off when released. Price, \$1.25.

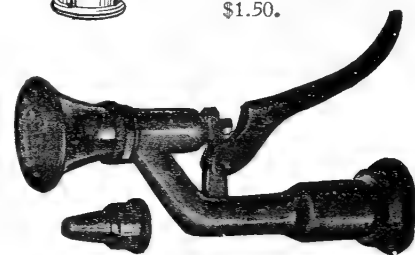


Greenhouse Spray Nozzle

(for $\frac{3}{4}$ -in. hose)

Light Copper. Price, \$2.25.

Heavy Brass. Price, \$1.50.



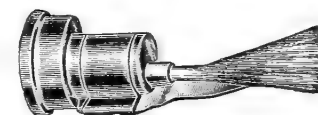
Aquamatic Hose Nozzle

A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, \$3.75. Complete with spray rose and solid stream nozzle.

Michell's Garland Hose Nozzle

A Nozzle especially suited for greenhouse use. Price, 50c.

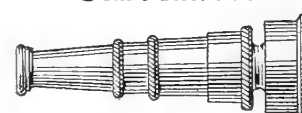
Champion Nozzle



A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, 60c.

Gem Pattern Hose Nozzle

(for $\frac{3}{4}$ -in. hose)
Can be regulated to give mist spray or solid stream. Price, 75c.



Nozzle Holder

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 25c.

Water Wand

Another trouble-saver for the gardener. Watering the garden becomes a real joy with "Water Wand." The long, light-weight handle enables watering the back of large flower-beds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$2.50.

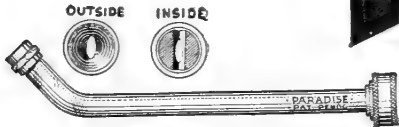


Watering-Cans are indispensable—We have several sizes

MICHELL'S GARDEN, LAWN, GREENHOUSE ACCESSORIES, ETC.

Tradur Hose Connectors

Eliminates bother and waste of time in hose connecting. Non-leaking, even with high pump pressures. No springs, hooks, levers, or special washers. Gives long and satisfactory service. $\frac{3}{4}$ -in. Faucet part. Price, 35c. $\frac{3}{4}$ -in. Hose part. Price, 75c. Complete set. Price, \$1.10.



Paradise Nozzle

Designed to syringe any and all greenhouse flowers. The fine spray has a washing effect. 10-in. \$3 00 | 18-in. \$3 50

Stott's Spray Nozzles



Excellent for spraying underneath foliage.

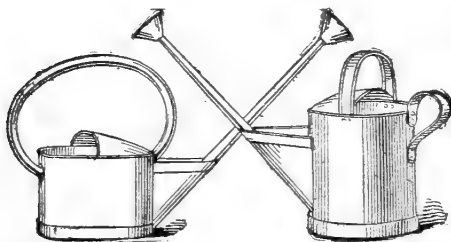
No. A. Single Each \$2 00
No. B. Double 3 00

Parlor Watering-Can

Enameled

For the enclosed porch and window-boxes; oval shape; green or ivory; long spout.

2-qt., tin, enameled \$1 25



Watering-Cans, Wotherspoon's

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not mailable. Round Oval

4-qt.	\$7 20	
6-qt.	7 80	\$8 60
8-qt.	8 50	9 40
10-qt.	9 30	10 30
12-qt.	10 30	11 40
16-qt.	12 30	13 60
4-qt. Fern or Low Watering-Can.	7 00	

Extra Roses or Sprays

For Wotherspoon's Watering-Cans, either coarse or fine. Price, 60c.

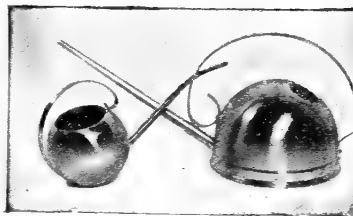
Bellows

Large, double cone.	\$8 00
Large, single cone.	6 25
Small, single cone.	4 75
Sulphur Bellows.	5 25

Galvanized Watering-Cans

Made of light galvanized iron.

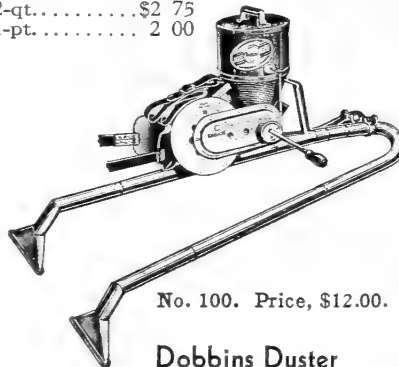
4-qt.	\$1 25
6-qt.	1 35
8-qt.	1 50
10-qt.	1 65
12-qt.	1 85
16-qt.	2 00



Revere Copper Watering-Can

An ornamental as well as a very useful utensil for the conservatory or window garden, made by a widely known manufacturer of unusual metalware. Body and spout of solid copper and handle of brass.

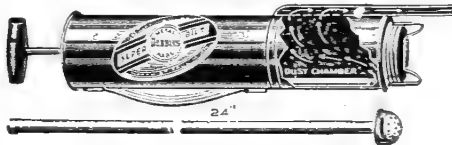
2-qt. \$2 75
1-pt. 2 00



No. 100. Price, \$12.00.

Dobbins Duster

A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 14 lbs.



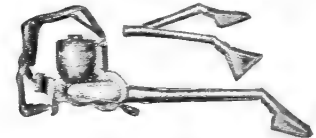
Dobbins Duster, No. 132

Highly recommended for applying the more expensive Pyrethrum, Rotenone, and Derris Root dust insecticides with economy and effectiveness. A new principle assures a uniform discharge. Equipped with 2-foot extension with patented 2-way cap for dusting top and underside of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1 lb. Pump: 4-in. diameter, 7½-in. stroke. Equipped with Self-Lubricating Pressure Seal, Valve Plunger Powder Chamber: 3-in. diameter, 4½ in. long. Two-way dust cap, perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube. Price, \$1.35.



Brown's Crystal Duster

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$1.60.



Hudson Duster

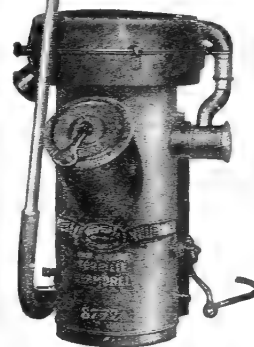
No. 606. Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and 4 15-inch telescoping tubes, also 2 adjustable carrying-straps. Price, \$14.00.

Vermorel Duster

A knapsack machine for dusting sulphur or sulphur and arsenate mixtures, arsenate of lead, Bordeaux Mixture, lime, etc. Capacity, 6 qts., dry measure.

Single Action.

This being of the bellows type, has no wheels, cogs, belts or other complicated mechanism that would be likely to wear. Equipped with fine and



Double Action Duster

coarse screens, also strap for carrying. Price, \$17.00.

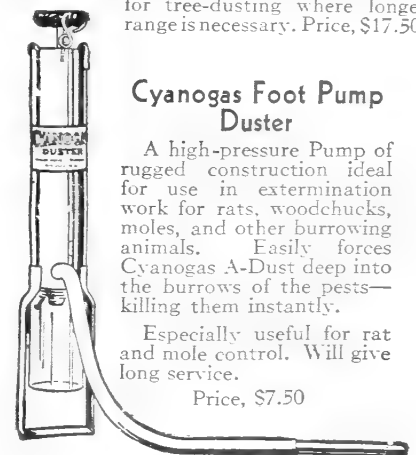
Double Action. This is a bellows type and gives a semi-continuous flow. Especially adapted for work where growth is thick and for tree-dusting where longer range is necessary. Price, \$17.50.

Cyanogas Foot Pump Duster

A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$7.50



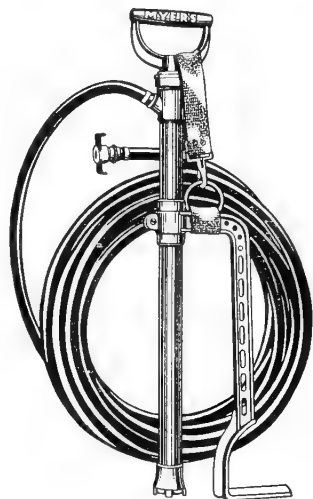
Cyanogas Hand Duster

Specially designed for applying Cyanogas A-Dust in small quantities. Price, \$3.50.



MICHELL'S SPRAYING APPARATUS

Home Defense Equipment



Stirrup Pump

For protection against fire caused by incendiary bombs. This outfit, consisting of pump, 30 feet of rubber hose, and special nozzle, provides a solid stream for fighting fires caused by the bombs as well as a fine, well-atomized spray which causes the bombs' rate of burning to increase considerably, without scattering the burning material. Change from stream to spray can be accomplished quickly with one hand. Complete, as described, with carrying strap, \$8.50.

Listed in other sections of this catalogue are several items which would prove of considerable value in the protection of property in the event of air raids. Here are a few:

Hydrant Attachments—for connecting garden hose to unthreaded bathroom or kitchen faucet (page 114).

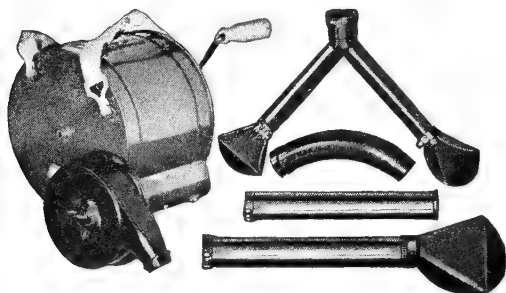
Carter Nozzle—permits change from solid stream to spray, with one hand (page 114).

Siamese Hose Connections—for attaching two lengths of hose to one outlet (page 114).

Long-handled Shovels—for handling incendiary bombs (page 104).

Respirators and Goggles—for smoke-protection (pages 118, 119).

Cel-O-Glass—the non-shattering glass substitute for protection from flying glass (page 120).



Challenge Duster—Model C-2

This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Price, \$17.00.

Paragon Sprayers

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides, and disinfectants, but also whitewash, coldwater paints, etc.

No. 0. Capacity, $3\frac{1}{2}$ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$14.00.

No. 1. Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$19.75.



No. 3

No. 3. Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, $7\frac{1}{2}$ -ft. spray pipe, and 3 nozzles. Price, \$26.00. Without truck, \$22.00. We can also supply this Sprayer with single wheel at same price.



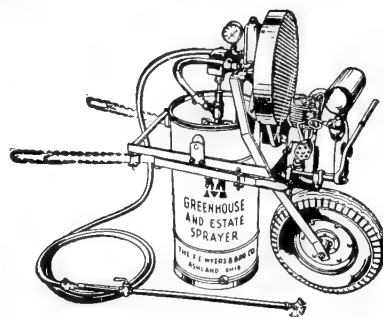
No. 4

No. 4. Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$43.00.

No. 5. Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$50.00.

Bucket Washers for Paragon Sprayers, 25c.

Fittings for Paragon Sprayers	Price
No. E85. 2-way Spray	\$2 75
No. B35. Extension Pipes	65
No. E86. Y Fitting	1 10
No. B 7. Hose Coupling, complete	1 20
No. B18. Strainer	1 40
No. B10. Female Hose Coupling	80
No. B20. Stop-Cock	1 10
No. B24A. Mist Spray Nozzle	1 00
No. B22. Brass Hose Bands	10
Spray Pump Hose. $\frac{3}{8}$ -in.	22
Extension Pipe with bent end for Paragon Sprayers	60



Myers Power Sprayers

The Myers power-operated Wheelbarrow-Type Sprayers have been developed to meet an insistent demand for small-capacity, light-weight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for whitewashing.

Especially recommended for greenhouse use.

Price includes: 15 ft. of $\frac{3}{8}$ -in. hose; Lever Shut-off, Adjustable Nozzle, 18-in. Pipe Extension, and 300-lb. Pressure Gauge.

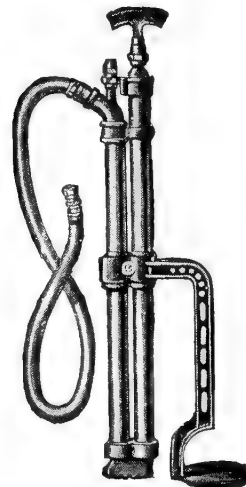
No. 806-MGHS. Motor-driven, with 50 ft. of cord and plug; steel wheel. Weight, 180 lbs. Price, \$92.50.

No. 806-MGHR. Motor-driven, with 50 ft. of cord and plug; rubber tire. Weight, 180 lbs. Price, \$102.50.

No. 806-EGHS. Engine-driven. Steel wheel. Weight, 182 lbs. Price, \$115.00.

No. 806-EGHR. Engine-driven. Rubber tire. Weight, 182 lbs. Price, \$125.00.

Bucket Pumps



Myers Pump No. 327 $\frac{1}{2}$

Myers No. 327 $\frac{1}{2}$. A double brass-chamber arrangement. Price, \$5.25, including hose and nozzle.

Aprons

For protecting the clothing while watering, etc.

Rubber. \$3 50
Blue Denim. 1 75

PRICES ON THIS PAGE SUBJECT TO CHANGE

We have Sprays for gardens large and small

MICHELL'S SPRAYING APPARATUS

Myers' Kwikfill Compressed- Air Sprayer

No. 2242. Galvanized Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$7.50.

No. 2242B. Brass Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$11.00.



Auto Spray

with hose and Auto-Pop Attachment. \$8.50.

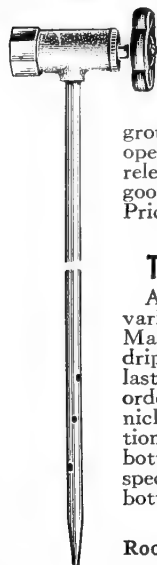
No. 250-D. A funnel-top Sprayer. Electrically welded, hot galvanized coated. Heavy steel tank, 2-inch, seamless brass tank; brass valve. Capacity, 2½ gals. Price, \$4.50.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$1.75 each; complete with hose, \$2.00.

Extension Pipes, Etc.

For reaching into trees. ¾-in. threads.

Bamboo, brass-lined, 8 ft. \$7 50
Brass, 2 ft. 65
Pet Cock, for extension pipes. 1 25
Paragon Extension, 2½ ft. 60



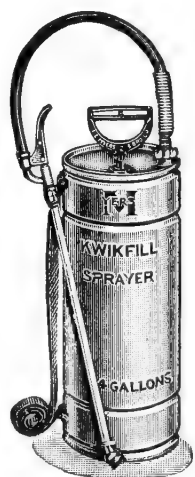
Root Irrigator

Root Irrigator

For watering plants, trees, and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$2.25.

The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nicked. Can be used in connection with almost any ordinary bottle. Guaranteed in every respect or money back. Price, with bottle, \$1.75.



Auto Spray

A compressed-air sprayer with open head and strongly reinforced corrugated tank.

No. 4-B. Brass Tank. Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. \$14.00.

No. 4-D. Steel Tank. Capacity, 4 gals. Equipped with hose and Auto-Pop Attachment. \$8.50.

Jake Buckeye Sprayer

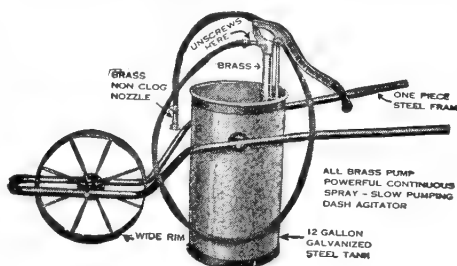


Tank 1-gallon capacity, constructed of heavy galvanized sheet-iron, copper riveted, with seamless brass pump which fastens to tank by thread cap and screws to brass tank collar. It is equipped with polished brass lever handle, spring key air-cock which will withstand 50-pound pressure. No washers to get out of order and no leakage. Price, \$3.75.

Myers' New Idea Knapsack Spray Pump



No. 1330. Galvanized Tank. Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, \$19.00.

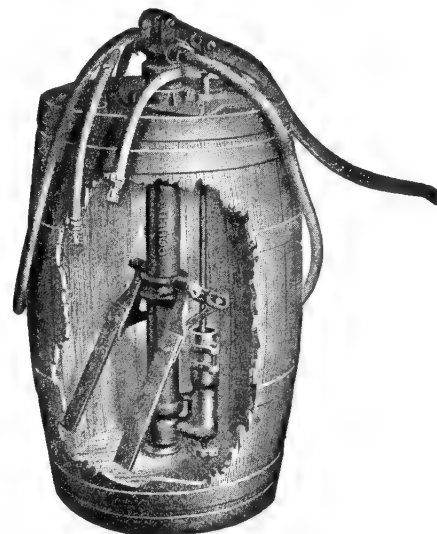


Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or white-wash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$18.00.

Gould's Fruitall Barrel Pump

A high-grade Pump at an attractive price, within the reach of everyone who has need for such a Pump. Extremely simple in design and a serviceable and reliable sprayer; 2-inch diameter cylinder; bronze wearing parts. Plain Pump, no hose, nozzle, or barrel, \$16.50.



Gould's Pomona Barrel Pump

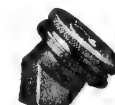
Of large capacity and powerful, with long adjustable leverage. Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Plain pump, 2½-in. diam. cylinder only (no barrel), \$30.00.

Barrels for holding spray solution, 50-gal. capacity, each \$7.25.

Truck with 3½-in. tire wheels, \$25.00.



1688



1691



1074 1/2



1692

Spray Nozzles (¾-in. Thread)

Mistry, Jr. (Fig. 1688). Straight style. \$1 25

Mistry, Jr. (Fig. 1691). Elbow style. 1 25

Fig. 1074 1/2. Y connection for making a double spray-head Nozzle. 60

Bordeaux Nozzle. (Fig. 1692). 1 25

If Nozzles are wanted for ¾-in. hose connections, add 70c. to above prices.

Asbestos Torch

For burning out worms, caterpillars, and other tree pests. Price, 50c.

Poles for Torch. Price, \$2.25. Bamboo. 12 ft. Price, 50c.

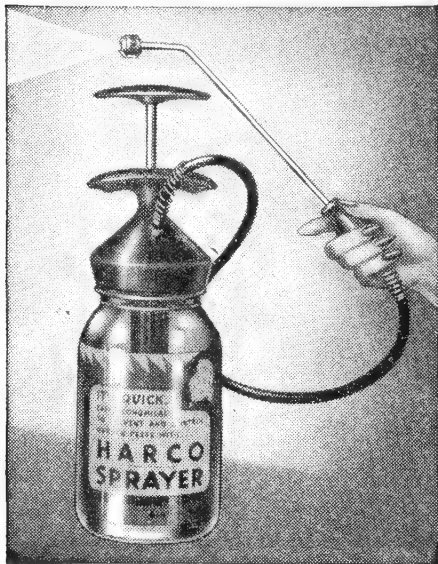
Bamboo. 12 ft., in 3 sections. Price, \$1.75.



PRICES ON THIS PAGE SUBJECT TO CHANGE

Do you have one of Michell's Hand Compressed-Air Sprays?

MICHELL'S SPRINKLERS—GREENHOUSE ACCESSORIES, ETC.



Harco Sprayer

Here's the efficient, easy-to-use sprayer you want of the down-to-earth price. Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing. Order yours today. Price, \$2.35.

Hudson Hand Sprayer. Price, 50c.



Michell's Hand Compressed-Air Sprayer

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies.

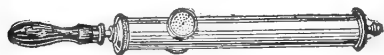
Tin. Price, 90c.

Brass. Price, \$1.75



Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1½ qts. Weight, 2½ lbs. Continuous spray. Price, \$2.75.



Heavy Brass Syringes

No. 99. 1½-in. diam.; 18 in. long.	Price
1 spray	\$3 50
No. 101. 1¼-in. diam.; 14 in. long.	
2 sprays	4 00
No. 101A. 1½-in. diam.; 16 in. long.	
2 sprays	5 00
No. 110. 1¾-in. diam.; 20 in. long.	
2 sprays	8 00
No. 120. 1¾-in. diam.; 20 in. long.	
Adjustable	10 00

Liquid Manure Distributor

This can be attached to hose with which you are watering and connected with a barrel of liquid manure. The suction of water will draw a quantity of manure with it. Price, \$3.00.



As Easy as Watering Your Lawn

The Arnold Garden Hose Sprayer attaches to your garden hose in place of the regular nozzle. It consists of shut-off, cartridge chamber and extension nozzle. Price, \$4.00.

Arnold Cartridges are available in the following forms:

Pyr-O-Spray	Rot-O-Spray
Nic-O-Spray	Arsen-O-Spray
Funguspray	Sulph-O-Spray
Cop-Ar-Nic	Vitamin B ₁
Jap-O-Spray	Pyrethrum-Roteneone

Each 35c.; doz. \$4.00

Complete Outfit. Consisting of Sprayer and selection of six Cartridges, \$5.75.



Syphonette

This unique solid brass device, attached to garden hose, enables measured distribution of Vitamin B₁ soluble fertilizers, fungicides and insecticides. Each \$2.50.



Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.

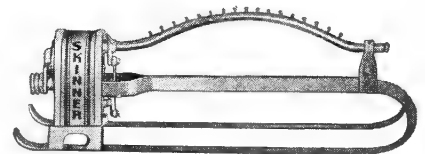
See page 1 for Parcel Post Rates

PRICES ON THIS PAGE SUBJECT TO CHANGE



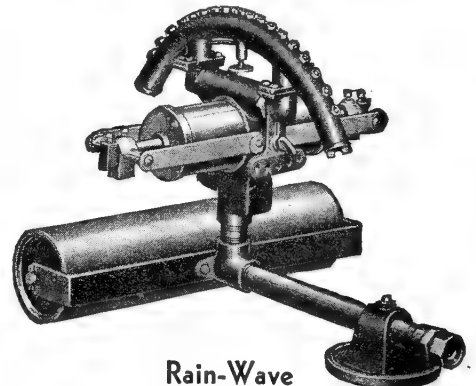
Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$12.50.



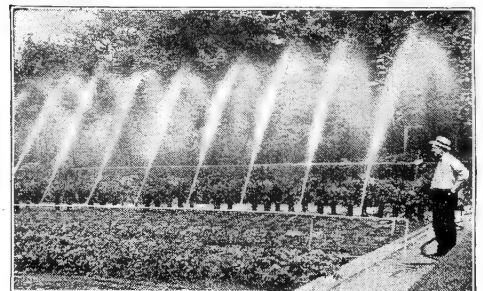
Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds' pressure. Price complete, \$19.00, for ¾-inch hose connection.



Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$38.00.



Skinner System of Garden Irrigation

Line covers 25 feet on each side.

	Stationary	Portable
50-ft. lengths	\$19 00	\$21 50
100-ft. lengths	30 00	40 00

F.o.b. factory

Prices on longer lines on request.

Posts for above lines, 10c. per foot. Specify if lines are to be pipe- or hose-fed.

Automatic Oscillator for above lines, \$27.50 extra.

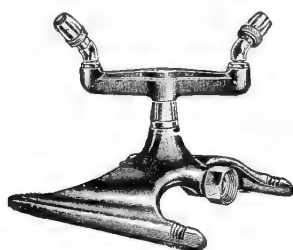
Hand Turn Union is included in above prices.

MICHELL'S SPRINKLERS—GREENHOUSE ACCESSORIES, ETC.



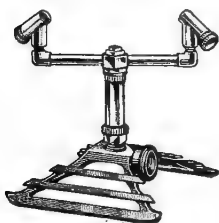
Anaconda

A reliable and popular Sprinkler. Large, polished brass head; polished brass arms. Sprinkles a circle 32 to 34 feet in diameter. 10½ inches high. Price, \$1.75.



Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$3.35.

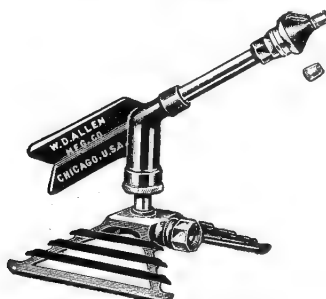
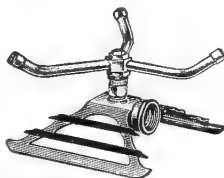


Junior

An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. Coverage 30 to 40 feet in diameter, 8 inches high. Price, \$2.75.

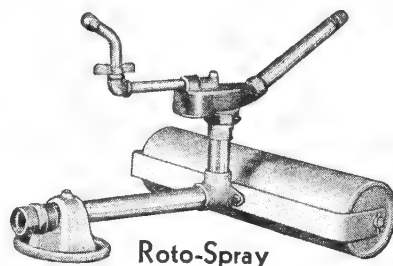
Zenith

Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$1.50.



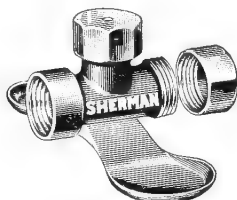
Red Arrow

A practical Sprinkler of the rotary type, operated by means of a simple vibrating mechanism and the angle of the discharge head. Designed for use on large areas with an average water pressure, covering a circle 60 to 80 feet or more in diameter. Price, \$4.50.



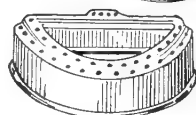
Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$17.50.



Roto-Spray Jr.

Same principle but of lighter construction. Price, \$14.50.



Sherman Portable Sprinkler

Price, 85c.



Crescent

Height, 2 in. Price, \$1.00.

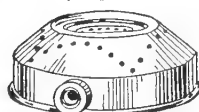
Large Ring

Height, 2 in. Price, \$1.25.



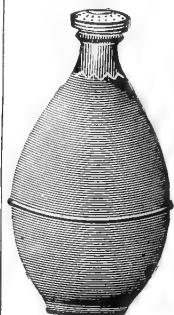
Baby Ring

Height, 2 in. Price, 80c.



Blake

A Sprinkler Head used where there is a pipe system on the lawn or golf course. Price, each 65c.; doz. \$7.25.



Scollay

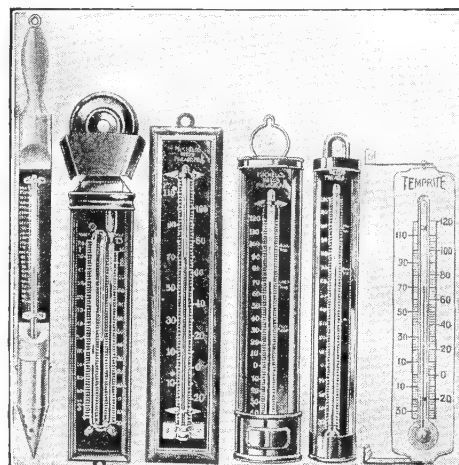


Flex-Spray

Rubber Sprinklers

Either in straight or crook neck. Each
8-oz. capacity.....\$0 50
14-oz. capacity.....1 00
Scollay. 12-oz. capacity.....1 50

PRICES ON THIS PAGE SUBJECT TO CHANGE



THERMOMETERS

No. 7022. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$5.50.

Tested Thermometers

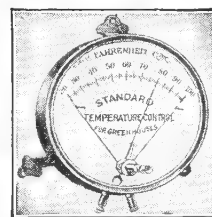
	Each
No. 5041. Tin Case. 8-in.....	\$0 90
No. 5043. Tin Case. 10-in.....	1 10
No. 5420-S. Greenhouse. 8-in.....	1 40
No. 5400-S. Greenhouse. 12-in.....	3 00
No. 5054. Genuine Copper Case. 10-in..	1 75
No. 5023. Wood Back, Black Scale. 8-in.....	1 25
No. 5127. Temprite Greenhouse. 8-in. White enamel; red column.....	1 25
No. 5316A. Temprite Window or Wall. 8-in. White enamel; red column....	1 25

Glass Dairy Thermometer

For testing milk, etc.; also used for soil purposes. Price, 50c.

Mushroom or Hotbed Thermometer

No. 20450. Iron point; oxidized finish. Price, \$3.00.

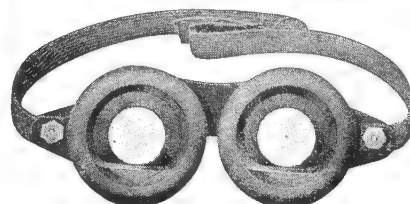


Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3. Not waterproof style. Price, \$14 00.

No. GH4. Waterproof style. Price, \$20.00.



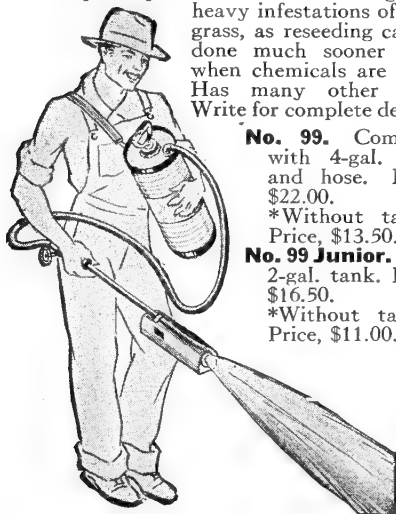
Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.25.

MICHELL'S FARM AND GARDEN ACCESSORIES

Aeroil Weed Burner

A new application of an old principle, the Aeroil Burner is a practical, efficient weed-destroyer. When properly used it will positively destroy any kind of weed or brush, killing stems, roots and seeds, once and for all. Especially valuable for burning out heavy infestations of crab grass, as reseeding can be done much sooner than when chemicals are used. Has many other uses. Write for complete details.



*The Aeroil Burner can be used with any type compression tank.

No. 99. Complete with 4-gal. tank and hose. Price, \$22.00.
*Without tank. Price, \$13.50.

No. 99 Junior. With 2-gal. tank. Price, \$16.50.
*Without tank. Price, \$11.00.

Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$7.50.

Coal for Wagon Heater

20 briquets \$1.25; 100 bricks \$9.50.



Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, 100, \$2.00.



Glass Cutters

	Each
Single Wheel, steel	\$0 30
6-Wheel, steel	55
No. 8. Small Diamond. Ebony handle	7 00
No. 8A. Large Diamond. Mahogany handle	8 00

Putty Distributor

For distributing putty, mastica, etc. Price, \$1.50.



Mastica Machine



Putty Distributor

Mastica Machine

For distributing mastica, etc. Made of heavy zinc. Price, \$3.75.

Masticote Glazing Cement

Black. Apply with a mastica machine. Gal. \$1.50; 5 gals. \$5.50.

Greenhouse Paint

A superior white paint for sash-bars, sash-frames, etc. Gal. \$4.50.

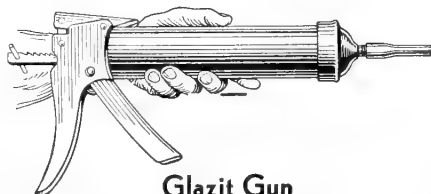
Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Gal. \$2.50; 5 gals. \$10.50.

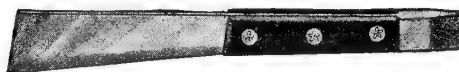
Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; 25 lbs. \$16.50.



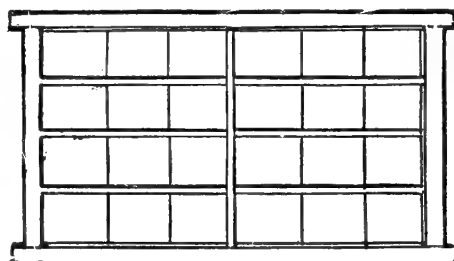
Glazit Gun

For applying liquid glazing putty, mastica, etc. Price, \$4.25.



Glazing Chisel

Made of the best-quality steel. Price, \$1.85.



Hotbed Sash

Philadelphia Style. Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick. Each

Plain, not glazed or painted.....\$3 75
Complete, puttied, glazed and painted.....8 00

Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy and are practically indestructible.

Burlap, Non-Waterproof. 76 x 76 in., covering two regular-size sash. Each \$4.00; doz. \$45.00.

Burlap, Non-Waterproof. 40 x 76 in., for one sash. Each \$3.00; doz. \$30.50.

Burlap one side, Waterproof Drill one side. 76 x 76 in. Each \$6.00; doz. \$70.00.

Burlap one side, Waterproof Drill one side. 40 x 76 in. Each \$4.00; doz. \$46.50.

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withstanding cold, water and wind. 3 ft. wide.

Cut pieces, yd. 30c. Full-roll lots (100 yds.), yd. 25c.

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your cold-frames and hotbed sashes, for such important new uses as cylinders and cones for individual plants, forcers for row plants, and newly planted seeds. Can be used where ordinary glass and cloth cannot, and is much lighter. Sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

	28 in.	36 in.
Cut pieces, per running ft....	\$0 35	\$0 40
Rolls of 25, 50, and 100 ft., per running ft.....	32	38

Glazing Points

Peerless. Three sizes.

No. 1. For single glass.

No. 2. For single glass.

No. 2½. For double-thick glass.

Price, 1000, 75c.



Glazing Points

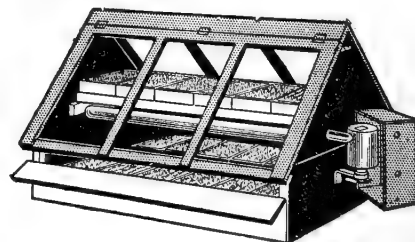
No. 1. Peerless
No. 2. Seibert's
No. 3. Zinc Nails

Pincers. For driving Peerless Points. Price, \$1.00.

Seibert Style. Zinc. Made with a prominent head.

Cannot rust. Easily driven. ⅝-, ¾- and 7⁄8-in. Lb. 65c.; 5 lbs. \$3.00. (1000 to 1200 in a pound.)

Zinc Glazing Nails. Lb. 65c.



Keene Portable Hothouse

Here is something the amateur gardener has been clamoring for. A heated miniature greenhouse which keeps a uniform temperature, even in freezing weather. Light weight, easy to move anywhere. Gives ready access and perfect ventilation.

Hot-water-heated by oil, gas or electricity, with thermostatic heat control. "Lustra" Glass admits more ultra-violet rays. Very economical to operate. Prices do not include flats.

Keene Flats for above, each 20c. Oil or gas. All prices f.o.b., Racine, Wis.

Model 0. 31 x 30 in. Holds 12 flats... \$21 95

Model 1. 31 x 41 in. Holds 18 flats... 25 95

Model 2. 31 x 67 in. Holds 30 flats... 31 95

Electric Models \$2.00 extra

Michell's Coldframe

Price, \$5.50

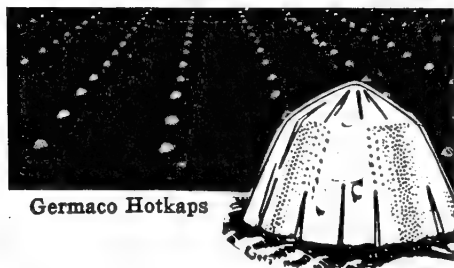
Artificial Grass Mats

Green Raffia woven on heavy burlap. Size 3 x 6. Price, each \$3.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Here are stakes suitable for all kinds of plants

MICHELL'S PLANT STAKES, ETC.



Germaco Hotkaps

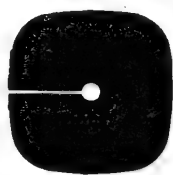
Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft. Made of scientifically constructed wax paper.

1000 lots.....	\$11 00
Trial Pkg. (250) including Setter and Tamper.....	4 25
Home Pkg. (100) including Setter and Tamper.....	2 85
Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter.....	50
Garden Setter.....	50
Germaco Hotkap Steel Setters.....	1 60



Tar Felt Pads



For protecting plants against maggots. Lay flat on the ground; non-curling. Price, 100, 50c.; 1000, \$4.00.

Twines, Etc.

White Cayuga.	Ball	Lb.
No. 108. Medium.....	\$0 55	\$0 95
No. 208. Heavy.....	55	95
Jute. 2-ply and 3-ply.....	20	30
Green Sea Island	15	90
No. 4 1/2. Twine. Medium heavy.....	40	
White Cotton. 3-ply and 4-ply.....	25	90
Peerless. Color, Nile green....		1 00
Tarred. For mat-making.....	45	
Tarred Sisal. For fodder.....		25
Binder. 5-lb. balls.....	1 00	
Express. Very heavy.....	40	
Green Silkaline. For stringing Smilax, Asparagus, etc. F, fine; FF, medium; FFF, coarse. Spool 50c.; lb. (8 spools) \$3.25.		
Everbest Thread. Very similar to the above; fast color. Spool 25c.; lb. \$1.50.		

Raffia

For tying, basket-making, and fancy work. **Natural Color.** 1/2 lb. 50c.; lb. 90c.; 5 lbs. \$4.25.

Green. 1/2 lb. 60c.; lb. \$1.10; 5 lbs. \$5.00.

Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile green. Spool of 250 yards, 90c. 6 spools \$5.25.

Burlap

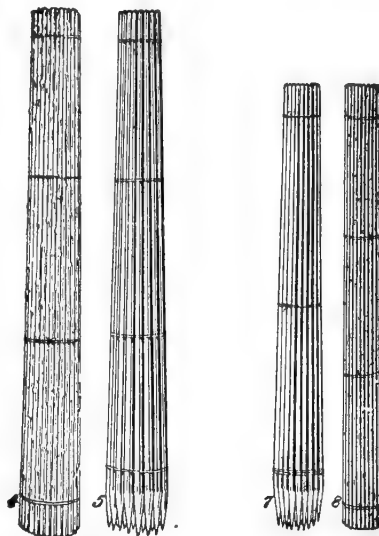
For covering shrubbery, etc.	Plain	Green
3 ft. wide, cut pieces.....	\$0 28	\$0 40
Full pieces, 100 yds.....	26	38
4 ft. wide, cut pieces.....	32	52
Full pieces, 100 yds.....	30	50

PRICES ON THIS PAGE SUBJECT TO CHANGE

Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is waterproof. Per 100 Per 1000
6 1/2 x 13 in.....\$2 25 \$15 00
7 x 14 in.....2 50 17 00

Celery Handler. Brass, \$3.00. Tin, \$1.00.



Key to above illustration: No. 4, Cane; No. 5, Dahlia; Tapering; No. 8, Cane, green

Plant Stakes

No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 30	\$1 40	\$11 00
2 1/2-ft.....	35	1 65	13 75
3 -ft.....	40	1 90	16 50
3 1/2-ft.....	45	2 20	19 25
4 -ft.....	50	2 75	22 00
4 1/2-ft.....	55	3 00	24 75
5 -ft.....	60	3 30	27 50
6 -ft.....	65	3 85	30 00

No. 8, Steel Wire, Galvanized

	Doz.	100	1000
For staking American Beauty and other strong-growing roses.			
2 -ft.....	\$0 35	\$1 85	\$14 85
2 1/2-ft.....	40	2 20	18 15
3 -ft.....	45	2 50	22 00
3 1/2-ft.....	50	3 00	25 85
4 -ft.....	55	3 30	29 30
4 1/2-ft.....	60	3 85	33 00
5 -ft.....	65	4 25	36 30
6 -ft.....	80	4 95	44 00

Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1 1/2-ft.....	\$0 04	\$0 30	\$1 85
2 -ft.....	07	55	3 50
2 1/2-ft.....	08	75	5 00
3 -ft.....	11	1 00	6 50
3 1/2-ft.....	12	1 25	8 25
4 -ft.....	15	1 50	9 75
5 -ft.....	17	1 80	12 75

Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 15	\$1 65	\$11 00
4-ft.....	20	2 00	13 50
5-ft.....	25	2 50	18 00
6-ft.....	30	2 85	21 00

Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 08	\$0 85	\$6 00
4-ft.....	12	1 25	8 00
5-ft.....	15	1 60	10 00

Hyacinth Stakes, Wood, Dyed Green

Used for staking hyacinths, tulips, and slender plants.

	Doz.	100	1000
12-in.....	\$0 07	\$0 30	\$2 00
15-in.....	09	35	2 25
18-in.....	10	40	2 75

Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

	Doz.	100	1000
1 1/2-ft., green.....	\$0 15	\$0 50	\$4 50
2 -ft., green.....	20	60	5 50
2 1/2-ft., green.....	25	75	6 75
3 -ft., green.....	30	1 00	7 25
3 1/2-ft., green.....	35	1 25	8 00
4 -ft., green.....	40	1 50	9 00
5 -ft., green.....	50	1 75	11 00
6 -ft., green.....	60	2 00	15 00

Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	Doz.	100
4 ft. high, 1/2 to 5/8-in. diam....	\$0 90	\$6 00
6 ft. high, 3/4 to 1-in. diam....	1 25	8 50

Lightning Wire Stake Tie



For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.00.

Tie Your Plants with 'TWIST-EMS'

Germaco TWIST-EMS

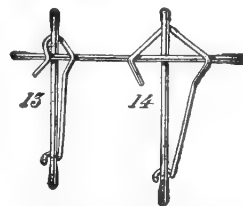
Help You Support Plants Quickly, Neatly, Permanently

Banish unsightly twine and raffia, needless work with shears. Just a simple twist of the wrist, and TWIST-EMS—strong dark-green "invisible" tapes—protect stems, tie plants to stakes. Millions used.

Order Today

4" or 8" 25c 16" 50c

8-in., box of 125.....	\$0 25
4-in., box of 250.....	25



Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

	Per box 500	Per box 1000
Eureka Everlasting		
Everlasting Style. Heavy.....	\$2 00	\$3 50
Eureka Style. Light.....	1 50	2 50

Poles (Wood)

	Each
10 ft. long, 1 1/2-in. diam.....	\$1 75
12 ft. long, 1 1/2-in. diam.....	2 00
14 ft. long, 1 1/2-in. diam.....	2 25

Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

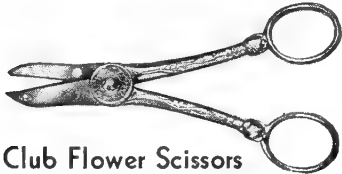
	Each	Doz.
16 ft. long.....	\$0 35	\$3 50
18 ft. long.....	40	4 00
20 ft. long.....	50	5 00

WINDOW AND PORCH BOXES, ETC.

Grape Scissors

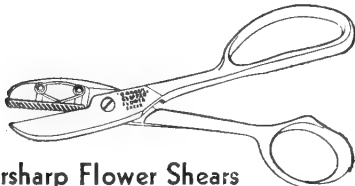
For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

No. 846. 6-in. Price, \$1.35.



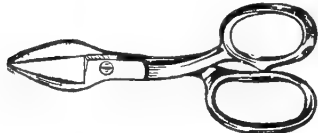
Garden Club Flower Scissors

No. 615. Price, \$1.75.



Eversharp Flower Shears

No. 1248. A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 75c.



Florists Shears

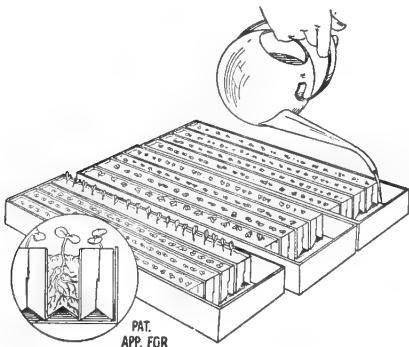
- No. 369.** 7-in.; serrated edge; long blade.....\$2 00
No. 833. 7½-in. Used for cut-flower wire, etc.....1 60
No. 832. 8-in. Used for cut-flower wire, etc.....1 60
No. 12. 8-in. For heavy wire and tin. 2 00
No. 10. 10-in. For heavy wire and tin. 2 50

Paper for Wrapping Flowers

	Lb.	½ ream	Ream
Manila. Heavy.....	\$0 25	\$2 25	\$4 00
Manila. Tissue. 24 x 36 in.....	25	1 10	2 00
White Wax. 24 x 36 in.....	35	1 75	3 00
Green Wax. 24 x 36 in.....	50	2 00	3 25

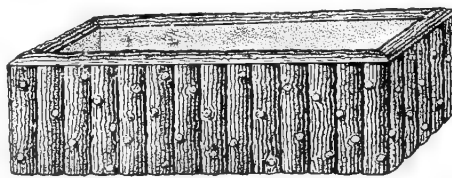
Crepe Paper (Waterproof)

Colors: Moss-Green, Nile-Green, Red, Blue, Pink, Yellow, Purple, Lavender, and White. Rolls 10 ft. long, 20 in. wide. Price, 60c.



Handy Seed Box

Three sturdy waterproofed boxes each fitted with four handy seedling trays. Insures stronger, healthier growth for 100 to 500 plants depending on size. Prevents over-watering and leakage, common to ordinary pot, cigar box or wooden flat. Full instructions with each set. Set of 3 boxes including 12 trays, 60c.



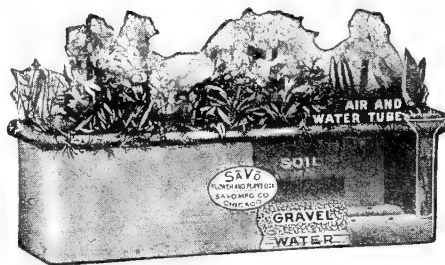
Rustic Window-Box

Window-Boxes

Wooden Rustic Bark Style. Attractively made and neatly finished. For indoor or outdoor use.

Length	Depth outside	Width outside	Price
24 in.....	7½ in.	11 in.	\$1 75
30 in.....	7½ in.	11 in.	2 25
36 in.....	7½ in.	11 in.	2 50

Any length made to order, \$1.00 per running foot, 11 inches wide.



Savo Self-Watering

The Savo Flower- and Plant-Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim. Watering is easy, drainage ample, air-circulation perfect. The green enamel finish, both inside and out, prevents rust or leakage. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A	8 in.	9½ in.	23 in.	\$3 50
Model B	8 in.	9½ in.	29 in.	4 25
Model C	8 in.	9½ in.	35 in.	4 75
Model D	8 in.	9½ in.	41 in.	5 25

These are outside measurements, including the ¾-inch roll rim.

Perfecto Flower-Boxes

Air-circulating; Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Finished in enameled green.

Length	Depth	Width	Price
20 in.....	6 in.	7 in.	\$1 50
26 in.....	6 in.	7 in.	1 75
32 in.....	6 in.	7 in.	2 00
38 in.....	6 in.	7 in.	3 00
44 in.....	6 in.	7 in.	3 50

These can be furnished in ivory color at an additional cost of 25c. each.

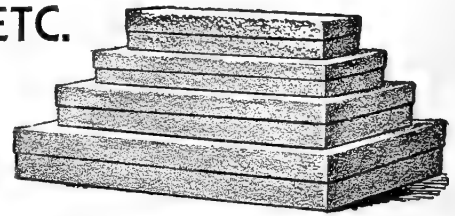
Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

Length	Depth outside	Width outside	Price
24 in.....	6½ in.	8 in.	\$1 25
30 in.....	6½ in.	8 in.	1 50
36 in.....	6½ in.	8 in.	1 75

Any length made to order, 80c. per running foot, 8 inches wide.



Cut-Flower Boxes

Corrugated Paper

These are desirable for shipping cut-flowers from country estates to city residences. Very durable. Prices include clips for setting up.

Length	Width	Depth	Each	Doz.
48 x 14 x 8 in.....			\$0 75	\$6 00
42 x 14 x 8 in.....			60	5 00
36 x 14 x 6 in.....			55	4 50
30 x 12 x 6 in.....			50	3 50
24 x 8 x 5 in.....			35	2 50

Light-Weight Paper Boxes

Mist-green, lined white inside. Sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist-tan and Oxford gray can be supplied on short notice.

Length	Width	Depth	Doz.	100
18 x 5 x 3 in.....			\$0 75	\$4 75
24 x 5 x 3½ in.....			1 10	7 50
24 x 8 x 4 in.....			1 35	9 75
28 x 8 x 5 in.....			2 00	13 00
30 x 10 x 6 in.....			2 50	17 50
30 x 12 x 7 in.....			3 00	22 50
36 x 8 x 5 in.....			2 50	16 50
36 x 10 x 6 in.....			2 75	21 00

We can also supply other sizes and styles of Boxes.

BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots. The 2-inch pots are suitable for most flowering plants and smaller vegetables; the 3-inch pots, for tomatoes, eggplants, cabbage, etc.

Prices for Flats Only

No.	Size	Capacity	Each
X1.	12½ x 12½ in.	36 2-in. pots	\$0 40
X3.	12½ x 12½ in.	16 3-in. pots	45
X118.	12½ x 18½ in.	54 2-in. pots	50
X318.	12½ x 18½ in.	24 3-in. pots	55

Price Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots..	\$0 75
No. XP118.	54 2-in. or 24 3-in. pots..	1 00

Prices on Pots Only

No.	Size	Capacity	Each
No. P1.	2-in.....	\$0 85	\$7 00
No. P2.	3-in.....	1 25	10 00

See page 127 for other Seed Flats

Special Seed-Flat Soil

Treated for fungus; especially adapted for seed flats.

Qt.....	\$0 15	½-bus.....	\$1 25
4 qts.....	50	1 bus.....	2 00
Pk.....	75		

Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Pt. 85c.; qt. \$1.35; gal. \$4.50.

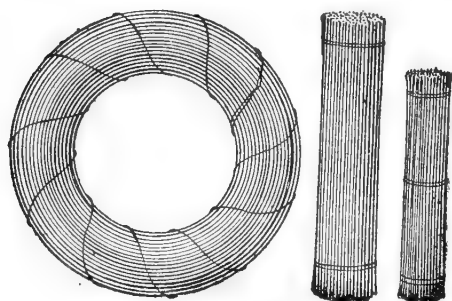
Bark

Rustic (Cedar). For covering boxes, columns, or any other article.

1 sq. ft.....	\$0 15
25 sq. ft.....	2 75
Bundle of about 50 sq. ft.....	5 00

Birch. Lb. 50c.; 10 lbs. \$4.50.

Cork Bark. Sheets 1½ to 2 ft. wide, about 4 ft. in length. Lb. 75c.



Wire		12-lb. Stone
No. 16. Galvanized.....	\$0 25	\$2 25
No. 18. Galvanized.....	30	2 40
No. 19. Galvanized.....	30	2 50
No. 20. Galvanized.....	35	2 75
No. 22. Galvanized.....	40	2 85
No. 24. Galvanized.....	40	3 00
No. 16. Annealed.....	20	2 00
No. 18. Annealed.....	20	2 15
No. 20. Annealed.....	25	2 50
No. 22. Annealed.....	30	2 60
No. 24. Annealed.....	35	2 75

Cut Bouquet Wire For Stemming Flowers

Cut 9, 12, or 18 inches in length. Box		Lb. (12 lbs.)
No. 18. 18 in. only.....	\$0 25	\$2 25
No. 19. 18 in. only.....	30	2 60
No. 20. 18 in. only.....	30	2 75
No. 21. 18 in. only.....	35	2 85
No. 22. 18 in. only.....	40	3 25
No. 24. 18 in. only.....	50	3 75

SUNDRIES

- Bulb Fibre.** Qt. 15c.; $\frac{1}{2}$ pk. 45c.; pk. 75c.; $\frac{1}{2}$ bus. \$1.25; bus. \$2.00.
- Bull Dog Clips of 1000.** For fastening packages, etc. Box 75c.
- Carnation Bands.** Rubber. For mending burst calyx. Oz. 35c.; $\frac{1}{4}$ lb. \$1.20.
- Carnation Staples.** Wire. 1000, 50c.
- Celery Paper.** Width 36 in. 167 lineal ft. per roll. Roll \$3.00.
- Celery Tape, Fast Red.** 1000-yd. spools \$5.75.
- Celery Tape, Green.** 1000-yd. spools \$4.50.
- Charcoal. Lump.** Pk. 75c.; bus. \$1.75; bbl. sack \$2.50.
- Charcoal. Ground.** Coarse, fine, and powdered. For use in potting. Lb. 12c.; 5 lbs. 40c.; 10 lbs. 70c.; 25 lbs. \$1.40; 100 lbs. \$4.00.
- Moss. Green Lump.** Pk. 75c.; bus. \$1.75; bbl. bag \$2.50.
- Moss. Green Sheet.** Lb. 50c.; bag \$2.50.
- Moss, Sphagnum. Dry.** Bbl. bag \$1.25; large bale \$3.00.
- Moss, Sphagnum. Live.** Pkt. 40c.; bus. \$1.35; bbl. \$3.50.
- Pearl Chips.** For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 10c.; 12 pkgs. \$1.00. In bulk, white, 10 lbs. 70c.; Colored, 10 lbs. \$1.00.
- Peat or Leaf Mould.** Pk. 50c.; bus. \$1.75; bbl. of approximately 2 bus. \$3.00.
- Peat, Orchid.** Lb. 50c.; 5 lbs. \$1.75; 10 lbs. \$3.25.
- Pebbles.** Qt. 10c.; pk. 75c.; bus. \$2.50; bbl. sack \$5.00.
- Pruning Compound or Tree Dressing (Fraim's).** Qt. 50c.; gal. \$1.50.
- Salt Hay.** For protection of plants and shrubs during winter. Lb. 3c.; $\frac{1}{2}$ ton \$18.50; ton \$35.00.
- Sand.** For propagating. Qt. 10c.; pk. 40c.; bus. \$1.40; bbl. sack (2 $\frac{1}{2}$ bus.) \$3.00.
- Shadeline.** For shading greenhouse glass. 5 lbs. \$1.65; 10-lb. can \$3.00.
- Soil.** For potting. Qt. 10c.; $\frac{1}{2}$ pk. 25c.; pk. 40c.; bus. \$1.50; bbl. bag \$3.25.
- Soil.** Plain top. 100 lbs. \$1.00; 500 lbs. \$4.50; 1000 lbs. \$8.00; ton in bags, \$15.00.
- Tinfoil, Plain.** In 5- and 6-in. widths, 1-lb. pkg. 45c.; 5 lbs. \$1.75; 5-in. width in 5-lb. rolls, \$1.75.
- Toothpicks.** Wired. 1000, 50c.; 10,000, \$4.00.
- Toothpicks.** 4-in.; wired; green. 1000, \$1.25; 4500, \$4.50.
- Toothpicks.** 6-in.; wired; green. 1000, \$1.50; 3000, \$4.00.

PRICES ON THIS PAGE SUBJECT TO CHANGE

MICHELL'S WEED KILLER

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time. It will do better work with less labor than the old way.

Qt. 50c.; gal. \$1.50; 5 gals. \$6.50; 30 gals. \$32.00; 55 gals. \$43.50.

Adco Weed Killer

By the use of Adco Weed Killer it is possible to eliminate moss and weeds, such as dandelions, plantains, chickweed, docks, ground ivy, creeping buttercup, foxtail, heal-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn. By its application weedy and impoverished lawns, tennis courts and golf courses can be restored to beauty almost without effort.

It should not be used on Bent grass and its action is not favorable to clover.

Adco Weed Killer is non-poisonous and will not harm dogs or other domestic animals.

Simple, clear directions accompany every package.

3 lbs. \$1.00; 25 lbs. \$4.00.

Alfco Crabgrass Killer

An amazing new discovery that effectively kills crabgrass and weeds in the lawn **without** destroying permanent lawn grasses. Sprayed on infested areas during September, Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. Lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

Sodium Arsenite

Lb.	\$0 35	10 lbs.	\$2 50
5 lbs.	1 50	25 lbs.	4 50

Iron Sulphate

5 lbs.	\$0 75	25 lbs.	\$2 75
10 lbs.	1 40		

Atlacide

NON-POISONOUS WEED KILLER

Atlacide is a fine powder which easily and completely dissolves in water. It has no odor and is harmless to the hands, effective in killing poison ivy and all troublesome weeds on driveways, athletic fields, tennis courts, etc. **Atlacide will damage all kinds of living vegetation** on which it is sprayed. It is not recommended for killing weeds on lawns, or between rows of vegetables or around valuable trees or shrubs. Complete instructions on each can.

5-lb. tins (kills 500 sq. ft. of weeds).....	\$1 50
15-lb. tins (kills 1,500 sq. ft. of weeds).....	3 50
50-lb. drums (kills 5,000 sq. ft. of weeds).....	8 50
100-lb. drums (kills 10,000 sq. ft. of weeds).....	14 00

Solvay (Calcium Chloride)

For Preventing Dust on Driveways and Tennis-Courts

An ideal dust-layer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

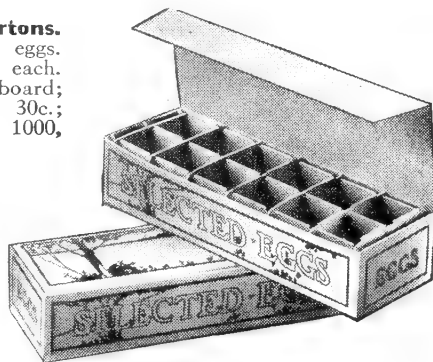
Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$3.25; \$3.00 per 100 lbs. in drums of about 400 lbs.

MICHELL'S RELIABLE POULTRY SUPPLIES

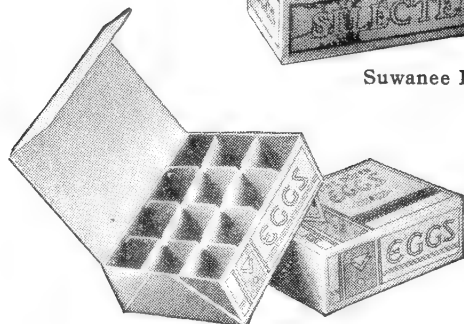
Paper Egg Boxes (1 doz. capacity)

Suwanee Paper Egg Cartons.

For delivering table eggs. Capacity, one dozen each. Made of heavy cardboard; oblong shape. Doz. 30c.; 25, 50c.; 100, \$1.75; 1000, \$16.00.



Suwanee Egg Box



Eagle Style Egg Box

Eagle Style.

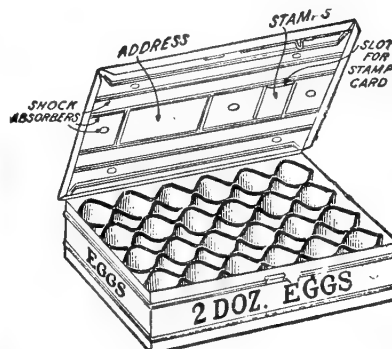
Light-weight cardboard. Doz. 25c.; 25, 40c.; 100, \$1.10; 1000, \$10.00.

Printing of Egg Boxes. 1000, \$3.00.

Salt Bricks

For dairy cows, horses, and other animals. Essential to general good health in stables. Fastened on the wall it is accessible at all times and remains clean. Brick 25c.; doz. \$2.75.

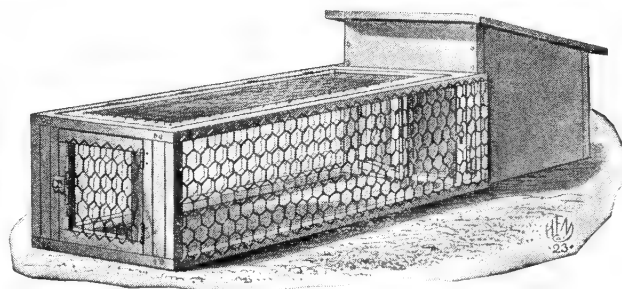
Salt Brick Holders. Each 50c.; doz. \$5.25.



Metal Egg Shipping Box

This is the ideal, indestructible box for forwarding household eggs by Parcel Post or Express. Can be used indefinitely.

Capacity	Each
2 doz.....	\$1 50
3 doz.....	1 75
4 doz.....	2 00
6 doz.....	2 50
9 doz.....	3 25
12 doz.....	4 00



Farm Brood Coop

A big, roomy Coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, \$7.00.

MICHELL'S POULTRY AND ANIMAL FOODS AND TONICS

Prices of Poultry Food fluctuate constantly and are subject to change

Alfalfa Meal. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

Barley. Qt. 15c.

Bran, Wheat. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Broken Rice. Lb. 15c.; 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.35; 50 lbs. \$2.50; 100 lbs. \$4.50.

Buckwheat. Qt. 15c.

Cat Food (Spratt's). Saves the labor of especially preparing food for tabby. Small carton 20c.; large carton 35c.

Catnip Balls. A plaything and tonic for your cat. Each 20c.

Charcoal, Fine or Coarse. 5 lbs. 40c.; 10 lbs. 70c.; 25 lbs. \$1.40; 100 lbs. \$4.00.

Chick Food (Michell's). 5 lbs. 30c.; 10 lbs. 55c.; 25 lbs. \$1.00.

Chick Starter Food with Buttermilk (Pratt's). 5 lbs. 40c.; 10 lbs. 75c.; 25 lbs. \$1.25.

Corn Meal. Special Process. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.50.

Cracked Corn. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 100 lbs. \$2.75.

Developing Food (Michell's). 5 lbs. 30c.; 10 lbs. 55c.; 25 lbs. \$1.00.

Gluten Meal. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.75.

Grit, Fine, Medium, and Coarse. 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 50c.; 100 lbs. \$1.50.

Grit (Red Cross Health). For pigeons. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 100 lbs. \$2.75.

Ground Oats. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 100 lbs. \$2.75.

Hemp Seed. Lb. 20c.; 5 lbs. 80c.; 10 lbs. \$1.50; 25 lbs. \$3.50.

Hulled Oats. 5 lbs. 30c.; 25 lbs. \$1.35; 50 lbs. \$2.50; 100 lbs. \$4.50.

Kaffir Corn. Lb. 15c.; 10 lbs. \$1.00.

Linseed Meal. Lb. 20c.; 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$3.25; 100 lbs. \$7.50.

Mash Food (Laying Buttermilk). 5 lbs. 40c.; 10 lbs. 75c.; 25 lbs. \$1.25.

Mash Food (Growing Buttermilk). 5 lbs. 40c.; 10 lbs. 75c.; 25 lbs. \$1.25.

Meat (Prepared). 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.75.

Middlings. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 95c.; 50 lbs. \$1.75; 100 lbs. \$3.00.

Millet. Lb. 15c.; 5 lbs. 65c.; 10 lbs. \$1.25.

Oat Meal (Pin-Head). 5 lbs. 40c.; 10 lbs. 75c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

Oyster Shells, Fine or Coarse. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 65c.; 100 lbs. \$1.50.

Pigeon Food. 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.35.

Poultry or Scratch Food (Michell's). 5 lbs. 30c.; 10 lbs. 55c.; 25 lbs. \$1.00.

Pratt's Poultry Regulator. 24 ozs. 25c.; 4 lbs. 55c.; 12 1/2-lb. pkg. \$1.60; 25 lbs. \$3.00; 100 lbs. \$10.00.

Sunflower Seed. Lb. 25c.; 3 lbs. 65c.; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.75.

Bird Gravel with Charcoal. Each 10c.; doz. \$1.00.

Bird Gravel without Charcoal. Each 10c.; doz. \$1.00.



SEE PAGE 126 FOR COMPLETE LINE OF RUSTIC AND ORNAMENTAL BIRD HOUSES

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please see Parcel Post Table, page 1



Carbola. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 75c.; 10 lbs. \$1.10; 25 lbs. \$2.50; 50 lbs. \$4.00.

Carbolineum. A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. \$2.00; 5 gals. \$8.00.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Gal. \$2.50.

Pratt's Disinfectant. For dipping and spraying poultry and stock. Qt. 65c.; gal. \$1.75; 5 gals. \$7.00.

Pine-White. A sanitary deodorant, disinfectant and whitewash paint for use with brush, spray, or as a dust. For use either inside or out. Dries white and stays white. Pine-White is prepared from a high-grade slaked lime, steam distilled pine oil and other special ingredients. It has a mild pleasing odor and clean refreshing smell. Active ingredients, 60.31%. Inert ingredients, 39.69%. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$3.75; 100 lbs. \$7.00.

Pratt's N. K. Capsules (Poultry Worm Capsule). Pkg. for adult fowls, 85c.; pkg. for chicks, 55c.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Cake 25c.

Sulphur Candles. Each 20c.; doz. \$1.65.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Lb. 15c.; 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Tobacco Stems. For making nests, etc. Lb. 10c.; 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; large bales of about 250 lbs. at 2c. per lb.; per 1/2 ton, \$15.00; ton \$27.50.

Books on Horticulture, Agriculture, Etc.

These books will show you how to raise bigger and better crops. See page 134.

MICHELL'S RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.

If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: Lb. 10c.; 5 lbs. 15c.; 10 lbs. 20c.

Bird Manna. Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.

Canary Seed. Plain Sicily. Recleaned and of excellent quality. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.75.

Canary Seed. Mixed. A mixture of the finest quality and in proper proportions. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$4.25.

Catnip Balls. A plaything and tonic for your cat. Each 20c.



Cuttlefish Bone (Spratt's). Good for digestion and general health. Each 10c.; 1/4 lb. 35c.; lb. 85c.

Cuttlefish Bone. With holder for fastening to cage. Each 15c.

Fish Food (Spratt's). Granular and wafer form. Pkg. 10c.

Hemp Seed. Birds are very fond of this seed. It is rich and should be fed with discretion. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$4.50.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz. 10c.; 1/4 lb. 20c.; lb. 50c.

Maw Seed. Calculated to improve the song of canaries, etc. Lb. 80c.; 5 lbs. \$3.75.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb. 15c.; 5 lbs. 65c.; 10 lbs. \$1.25.

Parrot Food (Spratt's). Small pkg. 25c.; large pkg. 30c.

Rape Seed. Will keep the birds in excellent condition. Feed with canary seed. Lb. 25c.; 5 lbs. 90c.; 10 lbs. \$1.75; 25 lbs. \$4.00.

Sand, Red. Fine. For bird-cages. Pkg. 10c.; doz. pkgs. \$1.00.

Sand, Silver. Fine. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

Sand or Gravel, Silver. Coarse. For parrots' cages. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.

Song Restorer. For canaries. Bottle 25c.; doz. \$2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg. 15c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb. 25c.; 3 lbs. 65c.; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.75.

Thistle Seed. 1/4 lb. 35c.; lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$5.00.

Unhulled Rice. Lb. 20c.; 5 lbs. 75c.; 10 lbs. \$1.40.

Wild Bird Cake. A balanced food of pure ingredients—seeds, grains, and berries selected because of food value. Each 30c.; 4, \$1.00.

Wild Bird Seed Mixture. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 95c.; 25 lbs. \$2.25; 100 lbs. \$8.50.



Wild Bird Cake

Prices on Bird Seed in large quantities quoted on application

SPRATT'S DOG CAKES



Spix. A bone-sized biscuit for small breeds. 5 lbs. \$1.00.

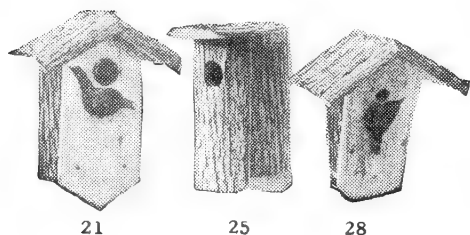
Ovals. A miniature biscuit for small breeds. 5 lbs. \$1.00.

Fibo. A granulated food. 5 lbs. \$1.00.



PRICES ON THIS PAGE SUBJECT TO CHANGE

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES



21

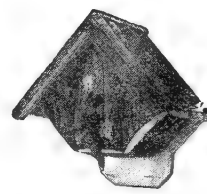
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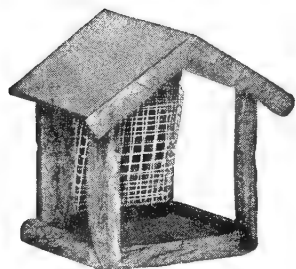
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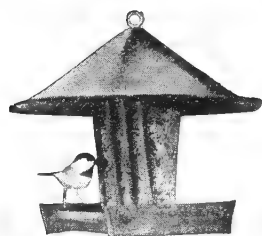
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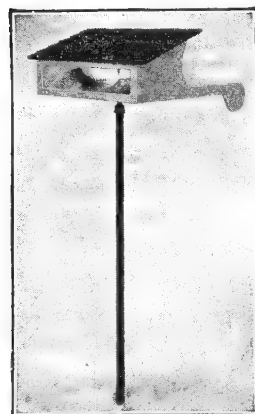
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126

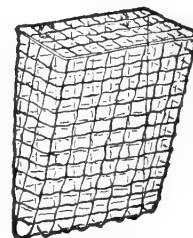


104



Revolving Feed Box

	Each
No. 8. Martin House. 14-room. <i>Not mailable</i>	\$20 00
No. 14. Wren or Bluebird House	2 50
No. 17. Wren House	1 75
No. 21. Bluebird House	1 50
No. 23. Wren House	1 50
No. 25. For Woodpeckers, Chickadees, Nuthatches, etc. ...	1 50
No. 28. Wren House Beautiful	2 00
No. 45. Squirrel House	6 00
No. 60. Robin House	1 50
No. 61. Wren House. Swinging.....	1 50
No. 77. Martin House. 4-room.....	6 00
No. 104. Rustic Seed-Feeder	2 50
No. 105. Rustic Suet-Feeder	1 50
No. 110. Combination Shelter	2 25
No. 114. Suet Basket	40
No. 115. Suet Rack	1 00
No. 124. Bishop Window-Feeders	3 50
No. 126. Squirrel-Proof Feeder for Suet	2 50
No. 127. Squirrel-Proof Feeder for Seed	2 50
No. 150. Suet and Seed Feeders	75
Complete with bracket	1 00



114



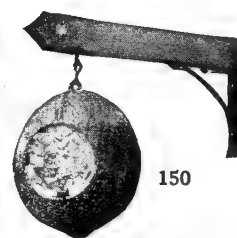
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REVOLVING FEED BOX

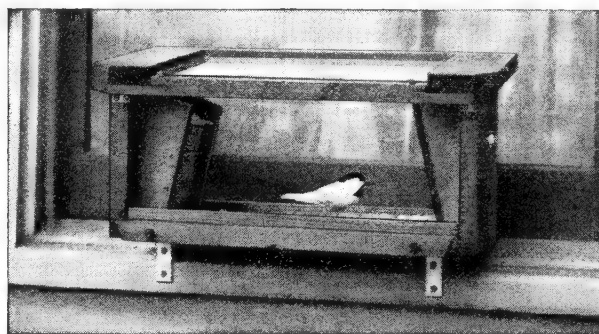
This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. Size, 24 by 36 in. Furnished with an iron pole, 7 ft. long. Price, \$12.50. Smaller size of above, with wood pole. Price, \$8.50.

SPARROW TRAP

Round in shape; made of heavy wire. We have tried this out and found it to be the best Trap made. Scatter a little cracked corn and set the Trap right over it. You'll be surprised at the catch. Price, \$6.50.



150



124



115

Michell's Flower Pots, Tubs, Etc.

Fern
Dish Liner

Earthen
Fern Pan



Cedar Tub

Keystone Tub

Earthen
Flower Pot

Azalea Pot

Earthen
Bulb Pan

Earthenware
Saucer

Krick Pot
Hanger

Eureka Pot
Hanger

Cedar Tubs

Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops. Top Diam. Depth Each

No.	Top Diam.	Depth	Each
No. 0	24 3/4 in.	24 in.	\$13 50
No. 1	23 3/8 in.	22 in.	12 50
No. 2	21 in.	20 in.	11 50
No. 3	18 1/2 in.	18 in.	10 00
No. 4	16 1/2 in.	16 in.	8 00
No. 5	14 1/8 in.	14 in.	7 25
No. 6	12 1/8 in.	12 in.	6 00
No. 7	11 3/4 in.	10 in.	5 25
No. 8	10 1/8 in.	9 1/2 in.	4 60

Michell's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to Tub.

No.	Inside Diam.	Depth	Each
1	6 in.	6 in.	\$0 85
2	7 in.	7 in.	90
3	8 in.	8 in.	95
4	9 in.	9 in.	1 00
5	10 in.	9 in.	1 25
6	11 in.	10 in.	1 40
7	12 in.	11 in.	1 55
8	13 in.	12 in.	2 10
9	14 in.	13 in.	2 25
10	15 in.	14 in.	2 50
11	16 in.	15 in.	2 95
12	17 in.	16 in.	3 35
13	18 in.	17 in.	4 00
14	19 in.	18 in.	4 85

Plant Tub Green Paint

Especially prepared for painting plant tubs. Gives a bright glossy finish that will stand the weather conditions and will not fade. Pt. 85c.; qt. \$1.35; gal. \$4.50.

Earthen Flower Pots

Height and Width inside	Each	Doz.	100	1000
1 in.	\$0 02	\$0 20	\$1 35	\$12 00
2 in.	03	25	1 40	12 25
2 1/4 in.	04	30	1 45	12 75
2 1/2 in.	05	35	1 65	15 00
3 in.	06	40	2 15	19 50
3 1/2 in.	06	45	2 65	24 00
4 in.	07	50	3 30	30 00
4 1/2 in.	08	60	4 45	40 50
5 in.	10	75	5 95	54 00
5 1/2 in.	12	1 00	7 45	67 50
6 in.	12	1 20	8 90	81 00
7 in.	20	2 00	13 50	
8 in.	25	2 75	19 50	
9 in.	35	4 00	30 00	
10 in.	50	5 50	40 50	
12 in.	1 00	11 00	82 50	
14 in.	1 50	17 50	135 00	

Cut-Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65	7 1/2 in.	8 in.	6 1/2 in.	\$0 85
66	9 in.	10 in.	7 1/2 in.	1 00
67	9 in.	11 1/2 in.	7 1/2 in.	1 15
68	9 in.	12 1/2 in.	7 1/2 in.	1 20
69	9 in.	18 in.	7 1/2 in.	1 40
70	9 in.	24 in.	7 1/2 in.	1 70
253	5 in.	10 in.	3 3/4 in.	70
254	5 1/2 in.	11 in.	4 1/2 in.	85
255	6 1/2 in.	12 in.	5 1/2 in.	90
257	6 1/2 in.	15 in.	4 1/2 in.	95

Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0 10	\$0 75	\$5 95
6 in.	5 in.	12	1 20	8 90
7 in.	6 in.	20	2 00	13 50
8 in.	7 in.	25	2 75	19 50
9 in.	7 1/2 in.	35	4 00	30 00
10 in.	8 in.	50	5 50	40 50
12 in.	10 in.	1 00	11 00	82 50

Earthen Bulb Pans

Diam.	Each	Doz.	100
6 in.	\$0 12	\$1 20	\$8 90
7 in.	20	2 00	13 50
8 in.	25	2 75	19 50
9 in.	35	4 00	30 00
10 in.	50	5 50	40 50
12 in.	1 00	11 00	82 50
14 in.	1 50	17 50	135 00

Earthenware Saucers

Each	Doz.	100
4 in.	\$0 03	\$0 35
5 in.	04	45
6 in.	06	65
7 in.	09	95
8 in.	12	1 20
9 in.	18	1 80
10 in.	25	2 50
12 in.	40	4 00
14 in.	50	5 00

Fern-Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 7/8 in.	\$0 20	\$2 15	\$13 50

Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 1/8 in.	\$0 08	\$0 85	\$6 00
4 3/4 in.	2 1/8 in.	12	1 10	8 00
5 1/2 in.	2 3/8 in.	15	1 35	10 00
6 1/4 in.	2 1/2 in.	18	1 60	12 00
7 in.	2 3/4 in.	20	2 00	14 00
8 in.	3 3/8 in.	25	2 50	20 00
9 in.	3 3/4 in.	30	3 00	24 00

Wooden Seed Flats

Each
20 x 10 x 3 in.
20 x 14 x 3 in.

See page 122 for Other Flats

We are unable to ship earthenware goods by Parcel Post

Eureka Pot Hangers

Price, each 20c.; doz. \$1.50; 100, \$10.00.

Krick Pot Hangers

No.	Each	Doz.
No. 1	\$0 07	\$0 60
No. 2	08	70
No. 3	09	80

Neponset Paper Pots Green—for growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

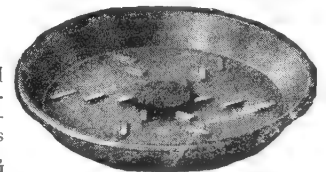
Diam.	Doz.	100	1000
2 in.	\$0 25	\$1 00	\$8 00
2 1/4 in.	30	1 05	8 25
2 1/2 in.	35	1 10	8 50
3 in.	40	1 30	10 25
3 1/2 in.	45	1 65	13 00
4 in.	50	1 90	15 00
5 in.	55	2 75	21 50
6 in.	60	3 50	28 00

Red Paper Flower Pots

Diam.	Doz.	100	1000
2 in.	\$0 10	\$0 55	\$4 50
2 1/4 in.	15	60	4 65
2 1/2 in.	20	65	4 75
3 in.	25	70	5 75
3 1/2 in.	30	90	7 00
4 in.	35	1 10	8 75
5 in.	40	1 45	11 50
6 in.	45	1 85	15 00

Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring-marks. Preserves pottery. Colors: red or green.



Size	Each	Doz.
5 1/8-in., 6-in. pot.	\$0 25	\$2 50
7 5/8-in., 8-in. pot.	35	3 50
10 3/8-in., 12-in. pot.	65	6 50
12 1/4-in., for fern and palm tubs	1 00	10 00

Wood Fibre Saucers

Extremely desirable on account of being absolutely waterproof.

Diam.	Each	Doz.
6 in.	\$0 55	\$5 50
8 1/2 in.	75	7 50
11 3/4 in.	1 00	10 50
14 1/2 in.	1 30	13 75
16 in.	1 65	17 50
17 1/2 in.	1 90	20 00

PRICES ON THIS PAGE SUBJECT TO CHANGE

Get ahead of the Ants before they get ahead of you

Michell's Insect Destroyers, Etc.

To bear out our reputation as one of the most complete seed-stores in the world, we constantly carry adequate stocks of all of the various insecticides, fungicides, pest controls, etc., listed on this and the next three pages. It is natural, with so many brands on the market, that the same results can be accomplished with several different brands in any one class. Many of course, have their distinct values, which we have tried to bring out in the brief descriptions.

In selecting a remedy for garden pests and diseases, it is well to bear the following in mind.

Contact Insecticides kill chiefly through actual contact and fumes, and for best results must be sprayed directly on the insect. These are used to combat sucking insects which feed on the inside of the foliage.

Stomach Poisons are used to control chewing or leaf-eating insects, and, to be effective, must adhere to the leaf-surface on which the insect feeds.

Fungicides are used to combat plant diseases of a fungous nature.

Dilution rates where shown are general. Follow specific directions on each container

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE

AGRI-PAX. A pyrethrum-base contact insecticide. Safe for man and animals, it is especially useful on fruit, vegetable, and berry crops. Dilution 1 to 8. Qt. \$1.00; gal. \$3.50; 5 gals. \$15.00.

ANTROL

THE NATIONAL ANT CONTROL



Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet- and grease-eating ants.

Antrol Cottage Set containing four feeders and one 4-oz. bottle of syrup, 60c.

Ready filled sets containing four filled feeders, 40c.

Antrol extra containers, 10c.

Antrol Syrup.

4-oz. bottle.....\$0 20

Pt. 50

Qt. 90

Gal.\$2 75

ANTROL ANT AND ROACH POWDER.

An improved fast-killing powder for the extermination of ants. Ideal for use in apartments, summer or beach houses, camping, etc. 1½ ozs. 10c.; 3 ozs. 25c.; 5 lbs. \$4.50.



ANTROLANT TRAPS.

Kills both grease- and sweet-eating ants. Easy and safe to use. Each, 10c.

ANT TRAPS, THALATE (TAT). Each, 25c.

MAGIKIL JELLY. New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube \$1.75.

APHIS PUNK. Used for fumigating. For controlling green and black fly and many other insects. Contains 22½ per cent of nicotine. (For use in greenhouses only.) Pkg. of 12 sheets \$1.00; case of 12 pkgs. \$9.50.

APHINE. A contact insecticide, nicotine base, for destroying aphis, green and white fly, thrip, etc. Dilution 1 to 30. Qt. \$1.10; gal. \$3.25.

ARSENATE OF LEAD, Powder. Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Dilution: 1 pound to 25 gallons liquid, or 1 to 6 with Hydrated Lime or Sulphur, for dusting. Use 10 to 15 pounds per 1000 square feet mixed with sand or other carrier. Lb. 40c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 96 lbs. \$18.00.

ARSENATE OF CALCIUM. Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Dilution: 1 pound to 25 gallons of liquid, or 1 to 3 with Hydrated Lime for dusting. Lb. 30c.; 4 lbs. 75c.; 24 lbs. \$4.00.

ASTOGEN. A safe, effective remedy for root aphid, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

BLACK ARROW INSECT DUST. An economical Pyrethrum dust, acting not only as a contact insecticide, but having repellent properties against many types of insects as well. Especially recommended for leaf-hoppers on dahlias and asters. May also be used as a spray, 1 pound to 3 gallons of water. Lb. 50c.; 10 lbs. \$3.80; 25 lbs. \$9.00; 50 lbs. \$17.00; 100 lbs. \$32.00.

"Black Leaf 40" 40% Nicotine

A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90; 10 lbs. \$11.65; 50 lbs. \$47.50.

BORERKIL (BOR-TOX)

A scientifically prepared paste that kills boring insects when injected into their burrows. Packed in handy tubes (and bulk). Garden-size tube (1½ ozs.), with Injectors, 60c.; 4-lb. can \$8.00.

BORDEAUX MIXTURE

(Powder). A copper-sulphate and lime mixture (12¾% copper), the standard control for fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Mixed with water, 8 pounds to 50 gallons, gives a 4-4-50 Bordeaux. Lb. 35c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50; 96 lbs. \$18.00.



CARBOLINEUM. A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. \$2.00; 5 gals. \$8.00.

CATTLE FLY SPRAY. Repels horn and stable flies; kills flies by contact. Will not stain or mat hair. Induces quiet and comfort, so important in milk-production. Gal. \$1.30; 5 gals. \$6.25.

CERESAN (DuBay). 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. Lb. 75c.; 5 lbs. \$3.30; 25 lbs. \$14.50; 100 lbs. \$52.00.

CERESAN, NEW IMPROVED (DuBay). A dust-disinfectant for wheat, oats, and barley. 4-oz. can 30c.; lb. 80c.; 5 lbs. \$3.40; 25 lbs. \$15.00; 100 lbs. \$55.00.



Protect your garden from damage by dogs. Unlike ordinary repellents that vanish with the first shower, Liquid Chaperone is not dissolved by rain. Users report that, regardless of weather, one application usually lasts from two to three weeks. Frequently this breaks the habits of offending dogs so that they never come to your garden again.

4 ozs. 50c.; 12 ozs. \$1.00.

COPPERLOID (Red Copper Oxide). Dilute at the rate of 1 to 400, spraying once a week, or as often as necessary for the control of mildew and black-spot on roses and mildew and leaf-spot on annual and perennial flowering plants. Lb. \$2.50.

COPPER SOLUTION. An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

CUPROCIDE (Red Copper Oxide). Excellent for treating seeds prior to sowing, to prevent rot and damping off in the soil. Lb. 95c.; 5 lbs. \$4.25.

CUPROCIDE, Yellow. Yellow copper-oxide spray. Has proved very effective in combating potato, tomato and celery blights. Yellow Cuprocide is a neutral spray which does not require lime, thus eliminating lime injury to plants. 3-lb. bag \$2.00.

CYANOGAS (Calcium Cyanide). G. Fumigant. When exposed to natural atmospheric moisture, Cyanogas liberates a gas most effective for many purposes. The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Thus Cyanogas is different from ordinary insect powders or sprays where the killing power is generally dependent on actual contact with the insect. Destroys aphid, white fly, soft scale, thrips, etc. 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00. Descriptive circular free.

CYANOGAS (Calcium Cyanide). A-Dust. For killing rats, moles, woodchucks, and other rodents. ½ lb. 45c.; lb. 75c.; 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

Cyanogas Ant-Killer

Ants are killed instantly in their nests. Simply enlarge entrances of ant nest with long-shank screw-driver or pointed stick. Probe 6 to 8 inches to be sure of reaching deeper part of nest where the queen is located. Adjust the spout on the can and flow a small amount of Cyanogas into the enlarged holes; then close with soil. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 30c.

DERRIS FUME DUST. 20-lb. bag \$3.25.

DERRIS POWDER. 5 per cent Rotenone. Excellent contact dust for control of greenhouse pests. Lb. 80c.; 5 lbs. \$3.75.

MICHELL'S INSECT DESTROYERS, ETC.

DOGZOFF. If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. Not offensive to humans. Applied with any small sprayer. 4-oz. bottle 60c.; pt. \$2.50; qt. \$4.00. Sprayer Combination, 75c.

DUTOX. A non-arsenical insecticide for control of most beetles and other leaf-eating insects. 3 pounds to 100 gallons of water, or as a dust, 8 pounds per acre. Lb. 40c.; 6 lbs. \$1.50.

NEW EVER GREEN SPRAY. The original standardized pyrethrum spray, effective against a wide range of both chewing and sucking insects. Dilution 1 to 800-400. 1-oz. bottle 35c.; 6-oz. can \$1.00; 16-oz. can \$2.25; gal. \$13.50.

FILMFAST. A superior spreader and sticker for use with insecticides and fungicides. It causes the solution to spread evenly over the surface of leaves, fruits, and vegetables, minimizing the possibility of exposing portions to the attacks of both insects and diseases. Use 1 to 3 pounds per 100 gallons of spray solution. 2 lbs. 50c.; 25 lbs. \$6.00; 100 lbs. \$18.50.

Fish-Oil Soap (Good's)



NUMBER ONE. A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

NUMBER THREE. A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

FLY SPRAY. See Cattle Fly Spray.

NUMBER NINE (Rosin). Used extensively as a spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$1.50; 10 lbs. \$3.00; 25 lbs. \$5.25; 50 lbs. \$9.00; 100 lbs. \$15.00.

FORMACIDE. A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. ½ lb. 50c.; lb. 85c.; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

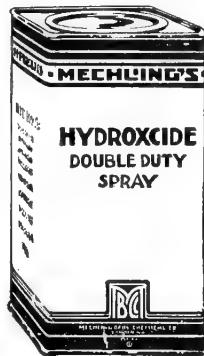


This spray has achieved international recognition in its remarkable fungicidal and stimulating properties. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. Fungtrogen is a complete spray, ready to use when mixed with water. Dilution 1 to 60.

½ pt. \$0 75 ½ gal. \$3 50
Pt. 1 25 Gal. 6 00
Qt. 2 00

GRAPE AND ROSE DUST. A fungicidal dust, safe to use on any vegetable or flowering plants. Forest green in color, and affords complete control against mildew, black-spot, and other fungous diseases. 5 lbs. \$1.25; 25 lbs. \$6.25; 100 lbs. \$22.00.

HELLEBORE DUST. A dust control for various leaf-eating insects, particularly the currant-worm and rose-slug. Less poisonous than arsenicals, it can be used in place of them on ripening fruit. ½ lb. 35c.; lb. 60c.; 5 lbs. \$2.50.



50 Bordeaux. Lb. 40c.; 4 lbs. \$1.00.



An effective insecticide that rids your roses and other plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetles and many blights. Use alternately as a companion spray with Fungtrogen; both carry their own spreader; only water is required. Makes 60 times its volume.

Pt. \$1 75 Gal. \$8 00
Qt. 2 75

JAPANESE BEETLE SPRAY (Du Pont).

An effective repellent which may be used without injury on a wide range of plants, to prevent damage by the Japanese and Mexican bean beetle. Dilution, ¼ pound to 10 gallons of water. ½ lb. \$1.00; 5 lbs. \$7.50; 25 lbs. \$35.00; 50 lbs. \$67.50.

JAP-BEETLE REPELLENT and stomach poison based on Rotenone and related organic compounds. Eight ounces of this will make 10 gallons of finished spray. ½ lb. 50c.; 2 lbs. \$1.75; 5 lbs. \$4.00.



Japtox

Kills and Repels Japanese and Asiatic Beetles

This material affords real protection to foliage against the ravenous feeding of these pests.

Japtox has as its base an arsenical poison so as to insure killing the small percentage of beetles which may actually feed on the sprayed foliage. One pound of Japtox will make 10 gallons of spray.

1 lb. \$0 65 100 lbs. \$20 00
25 lbs. 7 00

KEROSENE EMULSION (Liquid Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 10 parts of water. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00.

Kix. A combination fungicide and contact insecticide recommended for the control of black-spot, mildew, and certain insects on roses, flowering, and garden crops. Dilution: 1 to 80. Qt. \$2.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE



KILSLUG. An immediate and effective remedy for snails and slugs. Ready to use—no mixing required. Kilslug is not harmful to animals, plants, and human beings when used as directed. Packed in sprinkler-top containers. 125-dose size 75c.; 325-dose size \$1.50.

K. R. O. Kills rats only. Not a poison. Not injurious to humans, livestock, dogs, cats or poultry. 2-oz. can 75c.

LEMON OIL. A standard insecticide recommended for destroying thrip, aphids, mealy bug, etc. Having no odor, it is especially desirable and safe to use on all houseplants. ½ pt. 35c.; pt. 50c.; qt. 85c.; ½ gal. \$1.50; gal. \$2.50; 5-gal. keg \$10.00.

LETHANE NEW 440. A complete contact insecticide uniformly effective against a wide variety of the more resistant insect pests (including mealy bug) and in many cases destroys the eggs, thus curbing multiplication of insects at the source. Dilution, 1 to 300. Qt. \$2.50; gal. \$6.00.

LIME-SULPHUR. Dry. The modern form of the old reliable lime-and-sulphur combination, for effective control of San José scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Dilution: 12 to 15 pounds to 50 gallons of water. Lb. 35c.; 5 lbs. \$1.60; 25 lbs. \$4.75; 100 lbs. \$16.00.

LIME-SULPHUR SOLUTION. A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. It is usually combined with other materials to control several types of insects and diseases with the same spray. Dilution: 1 to 20 for dormant spraying; 1 to 40 for later applications. Qt. 50c.; gal. \$1.00; 5 gals. \$4.00; ½ bbl. (30 gals.) \$10.50; bbl. (50 gals.) \$14.00.

LORO. A contact insecticide which is uniquely effective against midge, mealy bug, red spider, mites, and thrip. It is also a good aphicide and kills scale insects in the crawling stage. Do not use on roses or other crops for which it is not recommended. Dilution: 1 to 800. Pt. \$2.00; gal. \$10.50; 5 gals. \$45.00.

MAGIKIL JELLY. New and very effective Ant Control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube \$1.75.

Mexican Bean Beetle Destroyer

Dust or Spray

Will quickly kill Mexican bean beetles without danger of burning foliage and is recommended by most agricultural experiment stations.

Mexican Bean Beetle Destroyer requires the addition of no other material when used as a dust. For wet spraying mix 8 pounds to 100 gallons of water or 6 level tablespoonfuls to 1 gallon of water. Lb. 35c.

MOLASSES, BLACK. A crude grade of molasses, highly favored as a sticker to be used with contact insecticides, particularly in controlling the boxwood miner. Gal. 75c.; 5 gals. \$3.25.

MO-LO TABLETS. When placed at intervals in the runs, these are very effective in destroying and driving away moles. Pkg. 25c.

MOUSE SEED. Safer and more convenient than paste or traps. Ready to use. No bait required. Pkg. 25c.

For convenience, stock your supply of Insecticides early in the year

MICHELL'S INSECT DESTROYERS, ETC.

MOLOGEN. An odorless powder that eliminates moles from the lawn in two or three days. Will not injure the soil or grass and is safe to use even where pets are kept. 1/2-lb. can 50c.; 1 1/2-lb. can \$1.25; 5-lb. can \$4.00.

NAPHTHA FLAKES. For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb. 25c.; 10 lbs. \$1.80; 25 lbs. \$4.25; 50 lbs. \$8.00.

NAPTOSIDE. A fumigant insecticide that kills thrips, millepedes, sow bugs, etc., in greenhouses; also gladiolus thrips outdoors. Lb. 65c.; 5 lbs. \$2.25; 25 lbs. \$8.50; 50 lbs. \$16.00; 100 lbs. \$30.00.



Protection against greenhouse insects is assured when Nico-Fume Products, Liquid, Paper or Powder, are used.

"Fumigation Reaches All Leaves and Buds"

Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable either for spraying or for fumigating purposes.

Lb. \$2.75; 4 lbs. \$7.35; 8 lbs. \$13.50; 40-lb. drum \$56.50.

Nico-Fume Powder

Many florists prefer a tobacco powder for fumigating. Nico-Fume Powder (patented) consists of tobacco powder impregnated with high-strength nicotine and is guaranteed to contain not less than 12 1/2 per cent of nicotine by weight. 5 lbs. \$4.15; 10 lbs. \$7.15.

Nico-Fume Pressure Fumigator

Nico-Fume Pressure Fumigator is safe for the plants and is the most commonly used fumigant. Insects on crops grown in greenhouses may be controlled by fumigation in many instances. This is advantageous to greenhouse owners because fumigation reaches every leaf and bud, and requires less time and labor than does spraying.

1/2-lb. size, 55c.; case lots of 1 doz., \$4.95.

1-lb. size, 85c.; case lots of 1 doz., \$8.65.

NICO-FUME PRESSURE FUMIGATOR HOLDERS for hand-directed fumigation with the Pressure Fumigator. Each \$1.00.

NICOTINE PYROX. A complete spray especially prepared for the home gardener. It kills both chewing and sucking insects, prevents blight and fungous diseases. Only the addition of water is necessary. Dilution: 1 pound to 3 gallons. 17.6 ozs. 60c.; 5 lbs. \$2.00.

NIKOTEEN LIQUID. A safe and highly effective spray and fumigant of highly refined free nicotine. Available in two grades:

30 per cent solution. 1-oz. bottle 30c.; 2-oz. bottle 45c.; 1/2-lb. \$1.25; lb. \$2.25; 4 lbs. \$6.00; 8 lbs. \$11.50.

40 per cent solution. 4 lbs. \$6.50; 8 lbs. \$12.50.

PARA-DICHLOROBENZENE (PTB). The most effective remedy for the peach tree borer. For best results, treatment should be made during September, using approximately 1 ounce per tree. 1-lb. can 50c.; 5-lb. can \$2.00; 25-lb. keg \$9.50.

PARIS GREEN. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. 1/4-lb. 25c.; lb. 60c.; 5 lbs. \$2.75; 14 lbs. \$6.75.



Pomo-Green

With Nicotine. A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. 75c.; 5 lbs. \$3.00.

Without Nicotine. Used as a dust only to control plant-diseases and leaf-eating insects. 1-lb. can 50c.; 5-lb. carton \$1.75.



PROTEX. The new scientific protection for trees, shrubs and plants. Forms an invisible film of liquid latex preventing winter-drying and warding off insects. Permits normal breathing. Non-injurious. One quart of Protex diluted covers 100 square feet.

Spring. Gal. \$3.50.

Winter. Qt. \$1.00; gal. \$3.50.

PYRETHRUM POWDER. Valuable as a contact insect powder against aphids, plantlice, thrips, etc. Lb. 75c.; 5 lbs. \$3.50; 10 lbs. \$6.50.

PYROTE

A double-acting concentrated Pyrethrum and Rotenone spray for flowers, plants, fruit, and vegetable crops. Dilution: 1 to 100-600. Oz. 35c.; 6 ozs. \$1.00; 16 ozs. \$2.50; gal. \$15.00.

PYROX (Bowker's). A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 25 lbs. \$5.75; 50 lbs. \$8.35; 300 lbs. \$34.50.

LAG'S RABBIT CHASER. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

RAT PASTE (ZELIO). The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 50c.



Kills many varieties of insects, yet is absolutely safe to use. A highly concentrated extract of pyrethrum combined with a special soap, which is diluted with water before spraying. Dilution: 1 to 200-400. Oz. 35c.; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.00; gal. \$16.00; 5 gals. \$70.00.

ROTENONE "75." An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. Lb. 35c.; 5 lbs. \$1.00; 50 lbs. \$7.00.

SCALECIDE

The Complete Dormant Spray

Scalecide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter, any time after the leaves drop in the fall until they start out in the spring, provided it is not colder than 40°.

On conifers, spruces, and pines, for pine scale, spruce gall, etc., spray with Scalecide 1 to 25 just before the new growth starts in the spring. Qt. 75c.; gal. \$1.75; 5 gals. \$6.35; 10 gals. \$10.90; 30 gals. \$23.75; 50 gals. \$32.90.



SCALE OIL. The most modern of all miscible oils for dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00; 30 gals. \$23.50; 50 gals. \$32.50.

SELOCIDE. A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. It also kills the eggs, and does not harm tender plants when properly used. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75; 10 gals. \$25.50.

SEMESAN

For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis-courts and lawns.

1/4 oz.	\$0 10	5 lbs.	\$11 40
2 ozs.	40	25 lbs.	52 50
1 lb.	2 50	100 lbs.	198 00

SEMESAN, SPECIAL. (DuBay.) A grass-disinfectant for brown patch. 8 ozs. \$1.00; 5 lbs. \$7.80; 25 lbs. \$36.00; 100 lbs. \$135.00.

SEMESAN BEL, NEW IMPROVED. (DuBay.) For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 30c.; lb. \$1.65; 5 lbs. \$7.15; 25 lbs. \$33.25; 100 lbs. \$125.00.

SEMESAN JR., NEW IMPROVED. (DuBay.) For controlling seed-borne diseases of seed, field and sweet corn. 1 1/2-oz. pkg. 15c.; lb. 75c.; 5 lbs. \$3.00; 25 lbs. \$12.50; 100 lbs. \$45.00.

PRICES ON THIS PAGE SUBJECT TO CHANGE

MICHELL'S INSECT DESTROYERS, ETC.

SLUG SHOT

A standard and safe dust which kills beetles, weevil, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton 25c.; 5 lbs. \$1.00; 25 lbs. \$4.75; 125-lb. keg, with a duster \$17.50; 250 lbs. \$33.00.

SNAROL

Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling.

1-lb. pkg.	.....\$0 25
2½-lb. pkg.	.....50
6-lb. pkg.	.....1 00
10-lb. pkg.	.....1 50
50-lb. bag.	.....5 50



SOAP, C. P. O. A liquid soap-spreader with a distinct insecticidal value of its own, thus increasing the efficiency of contact sprays with which it is used. Dilution: 1 to 50. 3-oz. bottle 25c.; pt. 75c.; qt. \$1.25; gal. \$3.00; 5 gals. \$11.50.

Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. 75c.; gal. \$4.95; 5 gals. \$23.00.

SULPHATE OF ALUMINUM. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of Aluminum Sulphate with 6½ pounds of Hydrated Lime will make 33 gallons of diluted spray. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00; 200 lbs. \$7.50.

SULPHATE OF COPPER. A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Available in either crystal or powder form; specify which type is desired when ordering. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.85; 25 lbs. \$4.50; 100 lbs. \$15.00.

SULPHUR, FLOWERS OF. A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$2.25; 100 lbs. \$8.00.

SULPHUR, WETTABLE (Dritomic). A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325-mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 2 lbs. 25c.; 5 lbs. 50c.; 50 lbs. \$4.00.

SUPERIOR SPREADER AND STICKER. See Filmfast.

Sulrote

Contains 0.80% Rotenone

Combination Rotenone and Sulphur dust for control of flower and vegetable garden insects and fungous diseases. For gladiolus thrips, rose chafers, Mexican bean beetles, flea beetles, cabbage worms; also mildew and black-spot on roses, and for carnation Alternaria. Lb. 45c.; 5 lbs. \$1.35; 25 lbs. \$5.50.



SUNOCO SPRAY OIL. A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs on shade and ornamental trees and shrubs. Dilution: 1 to 25. Gal. \$1.40; 5 gals. \$5.50; 15 gals. \$10.00; 30 gals. \$15.00; 55 gals. \$23.50.

SUPERSAT. A two-unit concentrate mixed in equal parts. Kills red spider and their eggs without injury to plants. Qt. \$3.25; gal. \$12.00.

TARTAR EMETIC. To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gal. of water. Lb. 85c.; 5 lbs. \$4.00; 25 lbs. \$17.50.



TEROGEN. A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.00.

TOBACCO DUST. For dusting. 5 lbs. 45c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

TOBACCO DUST. For fumigating. Specially treated to induce easy burning. Lb. 10c.; 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.25.



Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

- A. Small kit (makes 16 qts.).....\$1 50
- B. Medium kit (makes 64 qts.)..... 4 00
- C. Large kit (makes 32 gals.)..... 6 00
- D. Estate kit (makes 128 gals.).....20 00

TREE TANGLEFOOT

Stops all climbing insects

This sticky compound is easy to apply with a wooden paddle—is effective three to four months. Better than wax for grafting operations. Good, too, for sealing tree cuts, wounds and cavities. 6-oz. can 50c.; lb. 80c.; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

TOBACCO STEMS (Fresh). For fumigating and for mulching to destroy insect life in the soil. Lb. 10c.; 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; large bales at 2c. per lb.; ½ ton \$15.00; ton \$27.50.

VOLCK, NURSERY. A mineral-oil spray for general use on growing plants in the nursery, greenhouse and garden. It is not to be confused with Garden Volck, which contains soap and nicotine. ½ pt. 35c.; qt. 75c.; gal. \$2.25; 5 gals. \$9.00; 28 gals. \$30.00.



VOLCK, GARDEN. A Volck-Nicotine combination. Used to control aphids, thrips, scale, mealy bug, red spider, white fly, lacewing bug, cyclamen mite, leaf-miner, leaf-hopper, small caterpillars, leaf-spot, mildew, rusts, etc. Dilution 1 to 15. 3½ ozs. 35c.; pt. \$1.00; qt. \$1.50; gal. \$4.50; 5 gals. \$15.00.

WILSON'S O. K. PLANT SPRAY. This Spray offers a sure and safe method of control for box-mite, thrip, leaf-hopper, psylla, green, black, and woolly aphids, midge, currant worms, spruce gall, lacewing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; 10 gals. \$22.00; ½ bbl. (30 gals.) \$57.00; bbl. (50 gals.) \$90.00.

WORM DESTROYER. For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. 25 lbs. \$1.75; 50 lbs. \$3.25; 100-lb. bag \$6.00; 500 lbs. \$25.00; ½ ton \$47.00; ton \$90.00.

ROOT-FORMING CHEMICALS



The Root-Forming Chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

POWDER NO. 1. A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1¼-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

POWDER NO. 2. Designed for many of the woody and semi-woody types. 1¼-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

POWDER NO. 3. Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.



ROOTONE. The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs and cuttings before planting with Rootone. Write for booklet. ¼ oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

VITAMIN B-1 (Thiamine Hydrochloride). An astounding new discovery in the field of "growth substances" for plant-life. Vitamin B-1 stimulates root-growth; thus its benefits are reflected in its ability to restore sick and straggly plants to health, to produce larger blooms, and to prevent root-shock in transplanting. We offer this powder in vials containing enough to make 2000 gallons of solution. Vial \$1.00. 100 tablets making 2000 gallons....\$1 00 100 tablets making 100 gallons.... 35 Liquid form, sufficient for making 2000 gallons..... 1 00 Liquid in bottles, making 100 gallons. 35

TRANSPLANTONE. A Vitamin Hormone Stimulant for rooted plants. 1-oz. can 50c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

PRICES ON THIS PAGE SUBJECT TO CHANGE

Michell's High-Grade Fertilizers

PLEASE NOTE: No smaller quantity of Fertilizer than here offered can be supplied

ADCO Artificial Manure

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

GARDENERS can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining live-stock.

25 lbs. is sufficient to make $\frac{1}{2}$ ton of manure; 150 lbs. is sufficient to make 3 tons of manure.

7 $\frac{1}{2}$ lbs. \$1.00; 25 lbs. \$2.00; 150-lb. bag \$10.50; 600 lbs. \$42.00; 2100 lbs. \$145.00.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50; $\frac{1}{2}$ ton \$27.00; ton \$52.00.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00; $\frac{1}{2}$ ton \$21.00; ton \$40.00.

Asparagus Fertilizer. A mixture that promotes root- and top-growth. Apply 800 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50; $\frac{1}{2}$ ton \$27.00; ton \$52.00.

Bacteria for Leguminous Crops. See Legume-Aid.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50; 500 lbs. \$27.50.

Blood, Bone and Potash. A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$4.75; $\frac{1}{2}$ ton \$40.00; ton \$78.00.

Blood Flour. Very finely bolted. 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$7.50; 500 lbs. \$35.00.

Bone, Coarse Ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. \$6.50; $\frac{1}{2}$ ton \$46.00; ton \$90.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$5.00; $\frac{1}{2}$ ton \$42.00; ton \$82.00.

Bovung. A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.60; 100 lbs. \$3.00; $\frac{1}{2}$ ton \$25.00; ton \$48.00.

Bonemeal

Michell's Special Grade

Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a highclass fertilizer counts. Apply 800 to 1000 pounds per acre. 3 lbs. 35c.; 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50; $\frac{1}{2}$ ton \$38.50; ton \$75.00.

BONE MEAL, RAW. Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$4.50; $\frac{1}{2}$ ton \$38.50; ton \$75.00.

Cottonseed Meal. Apply 800 pounds per acre. Exceedingly rich in ammonia, making it excellent for use as a grass and grain fertilizer; for putting-greens it is invaluable. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; $\frac{1}{2}$ ton \$38.50; ton \$75.00.

Cow or Cattle Manure (Shredded). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; $\frac{1}{2}$ ton \$29.00; ton \$56.00.

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. \$3.50; $\frac{1}{2}$ ton \$29.00; ton \$56.00.

Electra. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb. 35c.; 5 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.



Spring-Summer Ground Dressing and Soil Stabilizer

A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose-beds in the early spring and summer. It supplies vital chemical elements and stimulates to vigorous root action and strong growth. In convenient powder form. Ferogen reinforces stable manures. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

Hortobacco (Michell's). A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.25; $\frac{1}{2}$ ton \$26.00; ton \$50.00.

Horn Shavings. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. Not available at present. We suggest Horn Meal.

Horn Meal. 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50.

Hy-Gro 52 (13-26-13). A water-soluble fertilizer that maintains the 1-2-1 ratio in a safe concentration. An application every week, using $\frac{1}{4}$ strength solution, will produce even growth. 3 ozs. 25c.; 20 ozs. \$1.00; 10 lbs. \$4.00.

Hyponex Plant Food. A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of the soil. A teaspoonful makes a gallon of liquid Plant Food. 3-oz. can 25c.; 1-lb. can \$1.00.

HYPER-HUMUS

Nature's Soil-Builder

Hyper-Humus has been recognized by leading authorities as the longest-lasting, the most efficient, and thus the most economical source of organic material. Extracted from domestic peat deposits, which have been rigidly cultivated for many years, this material is entirely free of weed seeds, is well rotted, and finely ground, ready for use.

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material, 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.50; $\frac{1}{2}$ ton \$15.00; ton \$25.00.

In loose bulk: Truckload (minimum 5 tons) \$11.00 per ton f.o.b. plant.

Carload (minimum 25 tons) \$9.00 per ton, f.o.b. plant, Hyper-Humus N. J.

Kainit (Potash Salts). Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn and other grains; also for top-dressing asparagus beds, etc. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 100 lbs. \$3.50; $\frac{1}{2}$ ton \$29.00; ton \$56.00.

Land Plaster (Gypsum). A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs. 45c.; 25 lbs. 85c.; 50 lbs. \$1.25; 100 lbs. \$2.00; $\frac{1}{2}$ ton \$16.00; ton \$30.00.

Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top-dressing, or watered immediately after applying. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; $\frac{1}{2}$ ton \$38.50; ton \$75.00.

LEGUME-AID. For full description see page 56.

For Alfalfa and all Clovers: $\frac{1}{2}$ -bus. size 30c.; 1-bus. size 50c.; 2 $\frac{1}{2}$ -bus. size \$1.00.

For Soy Beans, Peas, Vetch and Beans: 1-bus. size 30c.; 2-bus. size 50c.; 5-bus. size \$1.00; 50-bus. size \$5.00.

Garden Size for Garden Peas, Beans, and Sweet Peas, 10c.

Always state what kind of seed you wish to inoculate when ordering.

LIQUA-VITA. A liquid plant-food containing three major plant-foods, plus Vitamin B₁, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 4 ozs. 25c.; 12 ozs. 50c.; qt. \$1.00; gal. \$3.50; 5-gal. bbl. \$15.00; 10-gal. bbl. \$25.00.

Lime (Hydrated or Powdered). For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 30c.; 50 lbs. \$1.00; 100 lbs. \$1.50; 500 lbs. \$6.25; $\frac{1}{2}$ ton \$11.00; ton \$20.00.

Limestone (Pulverized). The raw form of lime, useful where a coarse material is required on worn-out, acid soils. Apply 1 $\frac{1}{2}$ tons per acre. 100 lbs. \$1.25; 500 lbs. \$5.00; $\frac{1}{2}$ ton \$9.50; ton \$17.50.

PRICES ON THIS PAGE SUBJECT TO CHANGE

MICHELL'S HIGH-GRADE FERTILIZERS

GROW BETTER FLOWERS LAWNS WITH WIZARD!

Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. You'll get amazing results with all plants by using



A Complete Natural Plant Food and Soil Builder



Don't risk disappointment by using inferior manures. We have recommended and sold Wizard for more than 30 years.

**SHEEP OR COW
MANURE**

3 lbs.	\$0 25	50 lbs.	\$2 00
5 lbs.	40	100 lbs.	3 50
10 lbs.	65	1/2 ton.	29 00
25 lbs.	1 25	1 ton.	56 00

Manure (Fresh Horse, Stockyard, and Cow). At short notice we can usually supply first-class horse, cow, and stockyard manure in carload lots only. Prices on request.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$3.00; 100 lbs. \$5.50.

Muriate of Potash. Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. Analysis equal to 48 per cent actual potash. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.25; 100 lbs. \$4.00; 200 lbs. \$7.50; 1/2 ton \$31.00; ton \$60.00.

MILORGANITE (6-2-0). A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flower-beds, trees, etc. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. at \$2.75 per 100 lbs.; 1000 lbs. at \$2.50 per 100 lbs.; ton \$45.00.

Nitrate of Soda (16 per cent). A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants and should therefore be used only after plants are above the ground. If used in liquid form, dilute 2 ounces in 1 gallon of water and do not apply more often than twice a week. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 1/2 ton \$37.50; ton \$73.00.

Peat Moss. We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil. 1-bus. bag 75c.; 5-bus. bag \$2.25; standard bale \$5.00.

PHOSPHATE, Ammoniated. A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50; 1/2 ton \$28.00; ton \$54.00.

Phosphate, Super (20 per cent). 100 lbs. \$2.50; 1/2 ton \$18.50; ton \$35.00.

PlanTabbs

Fulton's PlanTabbs are the finest of plant-foods, recommended particularly for potted plants. Clean, convenient tablets without odor; balanced and complete, they contain all the food elements any plant requires.

It is hard to realize that so much plant-food is contained in one of these little tablets. They are highly concentrated yet perfectly safe on even the tenderest plants, and quite economical.

10 tablets 10c.; pkg. (30 tablets) 25c.; 75 tablets 50c.; 200 tablets \$1.00; 1000 tablets \$3.50.

PLANT DINNER. 10c. size; 25c. size; 6 ozs. 75c.; lb. \$1.75; 5 lbs. \$7.85; 10 lbs. \$13.75.

Potato Fertilizer (Michell's). Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50; 1/2 ton \$27.00; ton \$52.00.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200 lbs. \$4.50; 1/2 ton \$18.50; ton \$35.00.

Soil. For potting. Qt. 10c.; 1/2 pk. 25c.; pk. 40c.; bus. \$1.50; bbl. bag \$3.25.

Soil. Plain top. 100 lbs. \$1.00; 500 lbs. \$4.50; 1000 lbs. \$8.00; ton, in bags \$15.00.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.25; 100 lbs. \$7.00.



The original plant-food tablet. Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorless, clean, and economical. Prices: 10 tablets, 10c.; 30 tablets, 25c.; 100 tablets, 75c.; 500 tablets, \$2.50; 1000 tablets, \$3.50.

Sulphate of Aluminum. Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00; 1/2 ton \$31.00; ton \$60.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50; 1/2 ton \$38.50; ton \$75.00.

Sulphate of Iron. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50; 200 lbs. \$12.00.

Superphosphate (20 per cent). A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 1/2 ton \$18.50; ton \$35.00.

Tan Bark used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$2.00; 1000 lbs. \$17.50; ton \$30.00.

Tankage. A blood-and-bone product yielding nitrogen, lime, and phosphoric acid. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.25; 1/2 ton \$37.00; ton \$72.00.

Tergen. A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.00.

TREE FOOD (Michell's)

A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements mixed in the proper proportions so as to promote vigorous growth. On backward, sickly trees, whether newly planted or of long standing, it works wonders.

Not Used as a Top-Dressing

Drill holes in the ground 1 1/2 feet deep and 5 feet away from the trunk, and extend out beyond the line of foliage; fill holes with food and then close. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 1/2 ton \$38.50; ton \$75.00.

Soil Augur No. 2. Best method for applying to trees.

Tobacco Stems. For fumigating, mulching, and fertilizing, these are invaluable. Lb. 10c.; 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; large bales at 2c. per lb.; 1/2 ton \$16.50; ton \$30.00.

Universal Acid Plant Food. For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.

VEGET-AID. Complete plant-food, analysis 5-10-4, with granular tobacco carrier. This economical, clean fertilizer will give long-lasting, balanced nourishment to your lawn, flowers, shrubs, trees, and vegetables. 1-lb. pkg. 10c.; 5 lbs. 45c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00.



For Successful Lawns and Gardens

Vigoro is America's largest selling plant-food. It produces wonderful results because it supplies all 11 food elements growing things need from soil . . . in scientifically balanced proportions. Safe, sanitary, odorless, and easy to apply. And Vigoro is economical. A single 100-lb. bag will feed 2500 sq. ft.



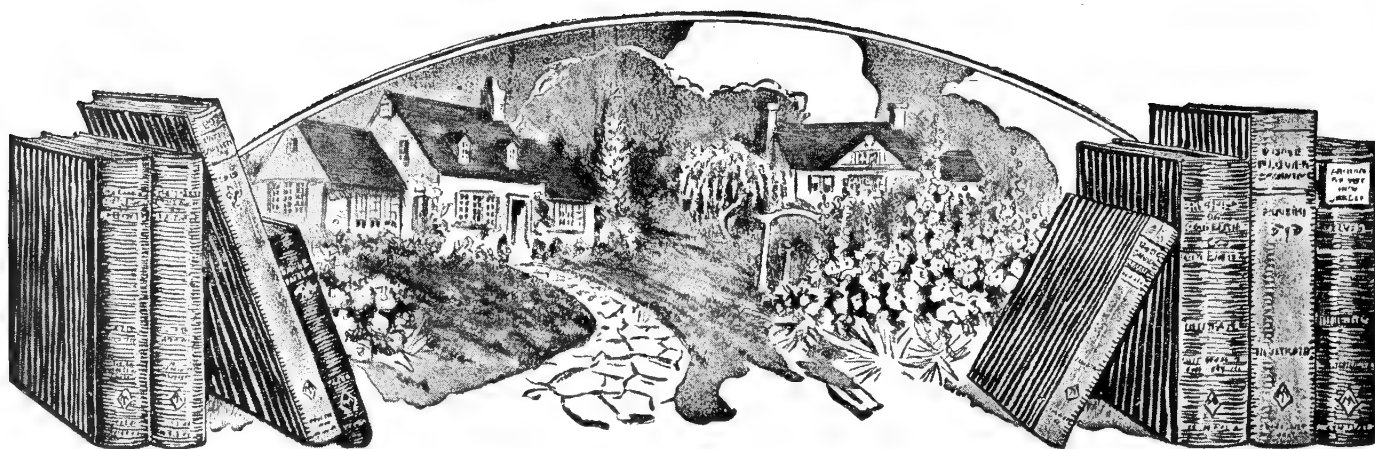
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50-lb. bag . . .	2 50	5-lb. bag . . .	45
25-lb. bag . . .	1 50	1-lb. bag . . .	10

Vigoro Tablets. Pkg. 10c.

WONDER WORKER FERTILIZER.

An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn and, not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 6 per cent; phosphoric acid, 8 per cent; potash, 5 per cent. 100 lbs. \$4.50; 1/2 ton \$38.50; ton \$75.00.

Wood Ashes. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00; 1/2 ton \$21.00; ton \$40.00.



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INDEX TO CONTENTS OF MICHELL'S 1942 CATALOG

Vegetable Seeds		Flower Seeds		Page		Page		Page		Page	
Anise	37,54	Abutilon	9	Geranium	21	Snadragon	7,10,11	Chives	55	Chrysanthemum	79
Artichoke	37	Achillea	9	Gerbera	21	Snow-in-Summer (Ceras-	16	Chrysoboltonia	79	Cimicifuga	79
Asparagus	37	Aconitum	9	Geum	21	tium)	16	Cinnamon Vine	68	Clematis	79,88
Basil (Sweet)	37,52,54	Acroclimium	21	Gilia	21	Snow-on-the-Mountain	21	Clethra (Pepper Bush)	90	Climbing Plants	88,89
Beans	38-40	Adonis	9	Globe Amaranth	21	Solanum	32	Coleus	71	Collections Hardy Peren-	75
Beet	40,41	African Daisy (Arctotis)	11	Gloxinia	21	Statice	32	nials	75	Columbine	75
Borage	40,54	Ageratum	7,9	Godetia	21	Stocks	8,32,33	Convolvulus	79	Coreopsis	79
Borecole	46	Alyssum	7,9	Gomphrena	21	Stokesia	33	Cornus (Dogwood)	90	Cornus	90
Broccoli	40	Amaranthus	10	Gourd	21	Strawflower (Helichrysum)	21	Coronilla	79	Cosmos	79
Brussels Sprouts	38	Ampelopsis	10	Grevillea	22	Sunflower (Helianthus)	32	Cotoneaster	90	Daisy	63-67
Cabbage	41,42	Anagallis	10	Gypsophila	21	Sweet Alyssum	9	Crab Apple Trees	93	Daphne	90
Caraway	41,54	Anchusa	10	Helenium	22	Sweet Peas	33,34	Cydonia	90	Delphinium	79,80
Carrot	41	Anemone	10	Helianthemum	22	Sweet Rocket	34	Cytisus	79	Deutzia	90
Catnip	41,54	Anthemis	10	Helianthus (Sunflower)	32	Sweet Sultan (Centaurea)	16	Dianthus	80,86	Dicentra	80
Cauliflower	42	Antirrhinum	7,10,11	Helichrysum	21	Sweet William	33	Dictamnus	86	Dielytra	80
Celeriac	43	Aquilegia	11	Heliotrope	22	Tagetes	25,34	Digitalis	80	Dogwood (Cornus)	90
Celery	43	Arabis	11	Helleborus	22	Tahoka Daisy	34	Erodium	80	Eunymus	90
Chamomile	41,54	Arctotis	10	Hesperis (Sweet Rocket)	34	Texas Queen Anne's Lace	34	Eupatorium	80	Euphorbia	90
Chervil	43	Asclepias	11	Heteropappus	22	Thalictrum	34	Evergreens	92	Exochorda	90
Chicory	43,45	Asparagus	11	Hibiscus	22	Thermopsis	34	Feverfew (Matricaria)	84	Forget-Me-Not	84
Chives	43,54	Asters	12,13	Hollyhock	23	Thunbergia	34	Forsythia (Golden Bells)	90	Foxglove	80
Citron	43	Aubrietia	13	Honesty	23	Tithonia	34	Fruit Trees	93	Fuchsia	80
Collards	43	Auricula	13	Hunnemannia	33	Torenia	34	Gaillardia	81	Funkia	80
Coriander	45,54	Baby's Breath (Cypsophi-	21	Hyacinth Bean (Dolichos)	20	Transvaal Daisy (Gerbera)	21	Genista	81	Gentiana	81
Corn Salad	44	illa)	21	Iberis (Candytuft)	15	Tritoma	34	Geraniums	71	Geum	81
Corn (Sugar)	44	Bachelor's Button (Cen-	16	Ice Plant (Mesembryanthem-	24	Trollius	34	Gladious	61,62	Gloriosa	69
Cress	45	taurea)	16	Impatiens	23	Venidium	34	Gloxinia	68	Grape Vines	93
Cucumber	45	Bachelor's Button (Gom-	21	Ipomoea	6,19,23	Verbena	8,35	Gypsophila	81	Gynephila	81
Dandelion	45	phrena)	21	Japanese Ivy (Ampelopsis)	10	Veronica	34	Hedge Plants	89	Helianthemum	82
Dill	45,54	Balloon Vine	13	Kenilworth Ivy (Linaria)	23	Viola	35	Helenium	82	Helianthus	82
Eggplant	45	Balsam	13	Kochia	23	Virginian Stock	33	Heliopsis	82	Heliotrope	71
Endive	45	Balsam Apple	13	Kudzu Vine (Pueraria)	30	Wallflower	16,35	Helleborus	82	Hemercallis	82,83
Fennel	45,54	Baptisia	13	Lady's Slipper (Balsam)	13	Wild Cucumber	20	Heuchera	83,90	Hibiscus	83,90
Finocchio	54	Bean, Runner	14	Lantana	23	Wild Flower Garden Mix-	34	Hollyhock	83	Honeysuckle	89
Garlic	45,48	Begonia	14	Larkspur (Annual)	7,23	ture	34	Hop-Vine	45,55,88	Horsradish	55
Herbs	54	Bellflower (Campanula)	15	Larkspur (Perennial)	19	Woolflower	16	Hyacinthus	68	Hydrangeas	88,90,91
Horseradish	45	Bells (Daisy)	19	Lathyrus	23	Xanthosoma	8,35	Hypericum	83	Iberis	83
Kale	46	Blue Lace Flower	19	Lavender	23	Xeranthemum	21	Iris	69	Isme	69
Kohlrabi	46	Brachycome	14	Lemon Verbena	35	Zinnia	6,8,36	Ivy	88	Jasminum	91
Lavender	46,54	Browallia	14	Leptosyne	23			Kalmia	91	Kolkwitzia	91
Leek	46	Butterfly Flower (Schi-	31	Liatris	23			Kudzu Vine	89	Laburnum	91
Lettuce	46	zanthus)	31	Lilium	24			Lantana	71	Larkspur (Perennial)	79
Mangel-Wurzel	40	Cactus	15	Linaria	23			Lavandula	83	Lemon Verbena	71
Melons	47	Calceolaria	15	Linum	23			Lettuce	55	Lettuce	55
Mint	46,54	Calendula	15	Lobelia	23			Liatris	83	Lilacs	91
Mushroom Spawn	46	California Poppy (Esch-	20	Love-in-a-Mist (Nigella)	25			Lilies	60	Lily-of-the-Valley	60
Mustard	48	scholtzia)	20	Lupinus	24			Linum	83	Linum	83
Okra	48	Calliopsis	15	Lychnis	24			Lithospermum	83	Lobelia	71,83
Onions	48	Campanula	15	Marigold	6,7,24,25,34			Lonicer	89,91	Lupinus	84
Onion Sets	48	Canary-Bird Vine	15	Marvel of Peru	24			Lychnis	84	Lycium	89
Parsley	49	Candytuft	15	Matricaria	23			Lysimachia	84	Lythrum	84
Parsnip	48	Canterbury Bell	15	Matthiola	23			Madeira Vine	69	Malus (Crab)	91
Peanuts	50	Cardinal Climber	15	Mesembryanthemum	24			Marigold	71	Matricaria	84
Peas	49	Carnation	7,16	Mexican Fire-Plant (Eu-	21			Mazus	84	Menziesia	84
Pennyroyal	48,54	Castor Beans (Ricinus)	31	phobia heterophylla)	21			Mertensia	84	Mexican Vine	55
Pepper	50	Celosia	7,16	Mignonette	25			Mint	55		
Pop Corn	44	Centaurea	16	Mimosa (Sensitive Plant)	31						
Potatoes	50	Cerastium	16	Mimulus	24						
Pumpkin	51	Cheiranthus	16	Mixed Seed for Wild Gar-	34						
Radish	51	Chinese Woolflower	16	den	34						
Rhubarb	51	Chrysanthemum	16	Momordica (Balsam Apple)	13						
Romaine	46	Cineraria	17	Monkshood (Aconitum)	9						
Rosemary	50,54	Clarkia	17	Moonflower (Ipomoea)	23						
Rutabaga	54	Clematis	17	Morning-Glory	6,19,25						
Saffron	52,54	Cleome	16	Mourning Bride (Scabiosa)	32						
Sage	51,54	Cobaea	17	Myosotis	25						
Salsify	51	Cockscomb (Celosia)	16	Nasturtium	26						
Shallots	48	Coleus	7,17	Nemesia	26						
Sorrel	51	Columbine (Aquilegia)	11	Nemophila	25						
Spinach	52	Coneflower (Rudbeckia)	31	Nepeta	25						
Squash	52	Coreopsis	18	Nicotiana	25						
Summer Savory	52,54	Cornflower (Centaurea)	16	Nierembergia	6,26						
Sweet Marjoram	52,54	Cosmos	6,7,18	Nigella	25						
Swiss Chard	41,52	Cowslip (Primula veris)	30	Enothera	26						
Tarragon	52	Cultural Leaflets	13,16,26,28,30,33	Pansy	8,26						
Thyme	53,54	Cuphea	19	Papaver (Poppy)	30						
Tobacco	53	Cyclamen	19	Periwinkle (Vinca)	34						
Tomato	53	Cynoglossum	19	Petunia	6,8,27,28						
Turnip	54	Cyperus	19	Phlox	6,8,29						
Winter Savory	52,54	Cypress Vine	19	Physalis	29						
		Dahlia	19	Pinks (Dianthus)	19						
		Daisy	13,19,21,22	Platycodon	30						
		Delphinium	7,19	Poppy	30						
		Dianthus	19,33	Portulaca	30						
		Dictamnus	20	Pot Marigold (Calendula)	15						
		Didiscus	19	Primroses	30						
		Digitalis	20	Primula	13,30						
		Dimorphotheca	20	Pueraria	30						
		Dolichos	20	Pyrethrum	30						
		Dracena	20	Rhodanthe	21						
		Dusty Miller (Centaurea)	16	Ricinus	31						
		Dusty Miller (Cineraria)	17	Rock Cress (Arabis)	10						
		Echinocystis	20	Rudbeckia	31						
		Echium	20	Salpiglossis	7,31						
		Edelweiss	21	Salvia	31						
		Erigeron	21	Sanvitalia	31						
		Eschscholtzia	20	Saponaria	31						
		Euphorbia	21	Scabiosa	32						
		Everlastings	21	Scarlet Flax (Linum)	23						
		Feverfew (Matricaria)	23	Scarlet Runner Bean	14						
		Forget-Me-Not (Myosotis)	25	Scarlet Sage (Salvia)	31						
		Four o'Clock (Marvel of Peru)	24	Schizanthus	31						
		Foxglove (Digitalis)	20	Sensitive Plant	31						
		Gaillardia	21	Shamrock	31						
		Gas Plant (Dictamnus)	20	Shasta Daisy	16,31						
		Gentiana	21	Silene	31						
				Smilax	31						

INDEX TO CONTENTS OF MICHELL'S 1942 CATALOG

Bulbs and Plants, continued

	Page
Mock-Orange.....	91
Monarda.....	84
Montbretia.....	69
Moonflower.....	89
Moon Vine.....	71
Myosotis.....	84
Nepeta.....	84
Nierembergia.....	84
Oenothera.....	84
Omphalodes.....	84
Ophiopogon.....	84
Oxalis.....	69
Pachysandra.....	84
Papaver.....	84
Parsley.....	55
Passiflora.....	71
Peach Trees.....	93
Pear Trees.....	93
Pentstemon.....	89
Peonies.....	84
Pepper.....	55
Pepper Bush.....	90
Perennials.....	75-87
Petunia.....	11
Philadelphus (Mock-Orange).....	91
Phlox.....	71,85
Physalis.....	86
Physostegia.....	86
Pinks (Dianthus).....	80
Platycodon.....	86
Plum Trees.....	93
Plumbago.....	86
Polemonium.....	86
Polygonum.....	89
Poppies.....	84
Primula.....	85
Privet.....	91
Prunus.....	89
Pueraria.....	89
Pulmonaria.....	86
Pyracantha.....	91
Pyrethrum.....	86
Quince, Japan.....	90
Quince Trees.....	93
Raspberries.....	93
Rhododendrons.....	91
Rhubarb.....	51,55
Rhus.....	91
Rosemary.....	55
Rose of Sharon.....	90
Roses.....	72-74
Rudbeckia.....	86
Sage.....	55,86
Salvia.....	71,86
Santolina.....	86
Saponaria.....	86
Saxifraga.....	86
Scabiosa.....	86
Scarlet Sage.....	71
Sedum.....	86
Shade Trees.....	92
Shasta Daisy.....	80
Shrubs.....	90,91
Sidalcea.....	83
Small Fruits.....	93
Snapeadragon.....	70
Snowball.....	91
Snowberry.....	91
Spiraea.....	91
Stachys.....	86
Statice.....	86
Stokesia.....	86
Strawberries.....	93
Sunflower.....	82
Sweet Potato.....	55
Sweet Shrub.....	90
Sweet William.....	86
Symphoricarpos (Snow-berry).....	91
Syringa.....	91
Tarragon.....	55
Teucrium.....	87
Thalictrum.....	87
Thermopsis.....	87
Thyme.....	55,87
Tigridia.....	69
Tomato.....	55
Trillium.....	87
Tritoma.....	87
Trollius.....	87
Tuberose.....	69
Tunica.....	87
Valeriana.....	87
Vegetable Plants.....	55
Verbena.....	71,87
Veronica.....	87
Viburnum.....	91
Vinca.....	71,87
Viola.....	87
Violetta.....	87
Vitex.....	91
Water-Lilies.....	89
Weigela.....	91
Wisteria.....	89
Yucca.....	87
Zephyranthes.....	69
Zinnia.....	71

Implements, Sundries, Etc.

	Page
Adeo.....	132
Agri-Pax.....	128
All Crop Fertilizer.....	132
Animal Foods and Tonics.....	124
Ant-Killer.....	128
Antrol.....	128
Aphine.....	128
Aphis Punk.....	128
Aprons.....	116
Arsenate of Calcium.....	128
Arsenate of Lead.....	128
Ashes.....	132
Asparagus Bunchers.....	37,107
Asparagus Fertilizer.....	37,132
Asparagus Knives.....	37,107
Asparagus Salt.....	37
Asparagus Tape.....	37,107
Astogen.....	128
Atlacide.....	123
Axes.....	107
Bacteria.....	132
Bark.....	122
Barrel Trucks.....	97
Barrels.....	97,117
Basket Hooks.....	113
Baskets.....	110
Bean Poles.....	39
Beetle Catchers.....	110
Bellows.....	115
Berry Boxes.....	110
Bill Hooks.....	107
Bird Feeders.....	126
Bird Houses.....	126
Bird Seeds.....	125
Black Arrow Insect Dust.....	128
Black-Leaf 40.....	128
Blood, Bone and Potash.....	132
Blood (Dried).....	132
Blood Flour.....	132
Bone (Coarse Ground).....	132
Bone Flour.....	132
Bonemeal.....	132
Books.....	39,46,74,134
Bordeaux Mixture.....	128
Borerkill.....	128
Bottle Sprayer.....	116
Bovung.....	132
Brood Coop.....	124
Brooms.....	104
Brushes.....	97,104
Brush or Briar Hooks.....	101
Buck Saw.....	109
Bulb Fibre.....	123
Bulb Pans.....	127
Bull Dog Clips.....	123
Burlap.....	121
Carbola.....	125
Carbolineum.....	125,128
Carborundum File.....	210
Carborundum Rifle.....	102
Carnation Bands.....	123
Carnation Staples.....	123
Cat Foods.....	124
Celery Bleachers.....	121
Celery Paper.....	123
Celery Tape.....	123
Cel-O-Glass.....	120
Ceresan.....	56,128
Chaperone.....	123
Charcoal.....	123
Coal for Wagon Heaters.....	120
Coldframes.....	120
Copper Solution.....	128
Corn Knife.....	107
Corn Planter.....	96
Corn Poppers.....	44
Corner Guards.....	111
Cottonseed Meal.....	132
Cow Manure.....	132
Crow Repellent.....	57
Cultivators.....	95,96
Cultivator Teeth.....	95
Cyprocide.....	40,52,56,128
Cyanogas.....	128
Dandelion Extractor.....	106
Dandelion Killer.....	106
Derris Powder.....	128
Dibbles.....	106
Disinfectants.....	56
Dock Lifter.....	103
Dog Foods.....	125
Dogzoff.....	129
Drills.....	95
Dusters.....	115
Dutox.....	129
Edgers.....	124
Egg Boxes.....	100
Electra.....	132
Erosionet.....	110
Ever Green Insecticide.....	129
Extension Pipes.....	117
Feed Box.....	126
Fencing.....	113
Fern Dish Liners.....	127
Fern Pans.....	127
Ferogen.....	132
Fertilizers.....	132,133
Fertilizer Distributors.....	94

	Page
Files.....	102
Filmfast.....	129
Fish-Oil Soap.....	129
Flex-O-Glass.....	120
Flower Boxes.....	122
Flower Pots.....	127
Flower Scissors.....	122
Flower Shears.....	122
Fly Spray.....	128
Foldabarrow.....	97
Forks.....	105
Formacide.....	56,129
Fruit Picker.....	110
Fungitrogen.....	129
Garden Flats.....	122
Garden Gadget.....	106
Garden Gloves.....	108
Garden Line.....	107
Garden Reels.....	107
Garden Tool Sets.....	104
Gardex Tools.....	105-107
Glass Clamps.....	120
Glass Cleaner.....	120
Glass Cutters.....	120
Glazing Cement.....	120
Glazing Chisel.....	120
Glazing Points.....	120
Glazit Gun.....	120
Goggles, Rubber.....	119
Grafting Tool.....	109
Grafting Wax.....	109
Grape and Rose Dust.....	129
Grape Bags.....	110
Grape Scissors.....	122
Grass Catchers.....	100
Grass Mats.....	120
Grass Scars.....	102
Grasswips.....	102
Greenhouse Paint.....	120
Grindstone.....	96
Hammers.....	107
Handi-Cart.....	94
Hanging-Baskets.....	113
Harrow.....	94
Hatchets.....	107
Hedge Knives.....	107
Hedge Shears.....	108
Hedge Trimmers.....	108
Hellebore.....	129
Hoes.....	104
Home Defense Equipment.....	116
Hormodin.....	131
Horn Shavings.....	132
Hortobacco.....	132
Hose.....	114
Hose Bands.....	114
Hose Connections.....	114,115
Hose Couplings.....	114
Hose Menders.....	114
Hose Nozzles.....	114
Hose Reducers.....	114
Hose Reels.....	114
Hose Washers.....	113
Hotbed Mats.....	120
Hotbed Sash.....	120
Hotkaps.....	121
Husking-Pins.....	107
Hydrant Attachments.....	114
Hydroxide.....	129
Hyper-Humus.....	132
Hypoxen Plant Food.....	132
Implement Handles.....	105
Inoculating Bacteria.....	56
Insecticides.....	128-131
Insectrogen.....	129
Japanese Beetle Spray.....	129
Japiox.....	129
Kainit.....	132
Kerosene Emulsion.....	129
Killer Kane.....	106
Killer-Kemical.....	106
Killer Kit.....	106
Kilsug.....	129
Kix.....	129
Kneegards.....	106
Knelevator.....	106
Kneeling Pads.....	106
Knives.....	100,107
K. R. O.....	129
Labels.....	111
Label Embosser.....	111
Ladders.....	109
Lag's Rabbit Chaser.....	40,130
Land Plaster.....	132
Lawn Cleaners.....	97
Lawn Dressing.....	132
Lawn Mowers.....	98-100
Lawn-Mower Oil.....	100
Lawn-Mower Sharpener.....	100
Lawn Sand.....	123
Lawn Signs.....	111
Lawn Sprinklers.....	118,119
Lawn Trimmers.....	100
Leaf Mould.....	123
Leaf Racks.....	97
Legume-Aid.....	56,132
Lemon Oil.....	129
Lethane.....	129

	Page
Lime.....	132
Limestone.....	132
Lime-Sulphur.....	129
Liqua Vita.....	132
Liquid Manure Distrib.....	118
Lopping Shears.....	109
Loro.....	129
Magikil Jelly.....	128,129
Manure Distributor.....	118
Manure Drags.....	104
Manure Forks.....	105
Marking Pencils.....	111
Mastica.....	120
Mastica Machine.....	120
Masticote.....	120
Mats.....	120
Mattocks.....	105
Melon Nets.....	47
Mexican Bean Beetle De-stroyer.....	129
Milorganite.....	133
Molasses.....	129
Mole Traps.....	110
Mo-Lo.....	129
Mologen.....	130
Monkey Wrenches.....	107
Moss.....	123
Mouse Seed.....	129
Mouse Traps.....	107
Mowers.....	98-100
Mum Manure.....	133
Muriate of Potash.....	133
Naphtha Flakes.....	130
Naptoside.....	130
Neegards.....	106
Nico-Fume.....	130
Nicotine Pyrox.....	130
Nikoteen.....	130
Nitrate of Soda.....	133
Nitrogen Bacteria.....	40
"No-Gunning" Signs.....	111
Nozzles.....	114,115,117
Nozzle Holder.....	114
Nu-Green.....	56
Oil Cans.....	100
Paint.....	122,127
Paper.....	122
Para-Dichlorobenzene.....	130
Paris Green.....	130
Pearl Chips.....	123
Peat.....	123
Peat Moss.....	110,133
Pebbles.....	123
Pencils.....	111
Perforator, Spike-Disc.....	101
Pet Supplies.....	125
Phosphate.....	133
Picks.....	105
Planet Jr. Tools.....	95,96
PlanTabbs.....	133
Plant Stakes.....	133
Plant Stands.....	112
Plant Supports.....	112
Plant-Ties.....	121
Plant Tubs.....	127
Pliers.....	107
Plow Line.....	107
Plows.....	94,95
Poles.....	121
Pomo-Green.....	120
Porch Boxes.....	122
Portable Hothouse.....	120
Post-Hole Diggers.....	105
Potato Fertilizer.....	133
Pot Brackets.....	113
Pot Hangers.....	127
Pots.....	127
Poultry Supplies.....	124,125
Protex.....	130
Pruning Compound.....	108,123
Pruning Gloves.....	108
Pruning Saws.....	108
Pruning Shears.....	108
Pulverizers.....	95
Pumps.....	116
Putty.....	120
Putty Distributor.....	120
Pyrethrum Powder.....	130
Pyrote.....	130
Pyrox.....	130
Raffia and Raffia Tape.....	121
Rakes.....	103
Rat Paste.....	130
Rat Traps.....	107
Red Arrow Insect Spray.....	130
Reels.....	107,114
Reflecto Signs.....	111
Respirator.....	118
Road Brushes.....	104
Rollers.....	101
Root Irrigator.....	116
Rootone.....	131
Root Weed Gun.....	106
Rotenone.....	130
Rubbish Baskets.....	110
Rubbish Consumers.....	107
Salt.....	133
Salt Bricks.....	124
Salt Hay.....	123

	Page
Sand.....	123
Sash.....	120
Saucers.....	127
Saws.....	109
Scalegide.....	130
Scale Oil.....	130
Screw Drivers.....	107
Scythes.....	102
Scythe Handle.....	102
Scythe Stones.....	102
Seed Boxes.....	122
Seeders.....	94,95,96
Selocide.....	130
Scemesan.....	56,130
Shaderine.....	123
Shears.....	109,122
Sheep Manure.....	133
Shovels.....	104
Sickles.....	102
Sieves.....	94
Slug Shot.....	131
Snarol.....	131
Snow Pusher.....	105
Soap (CPO).....	131
Sod-Cutter.....	101
Sod-Lifters.....	101,132
Sod Spiker.....	96
Soil.....	122,123
Soil Auger.....	105
Soil-Heating Units.....	97
Soil-Soaker.....	113

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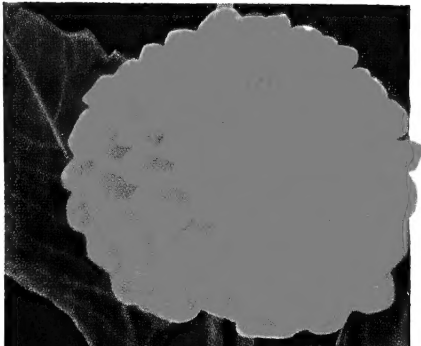
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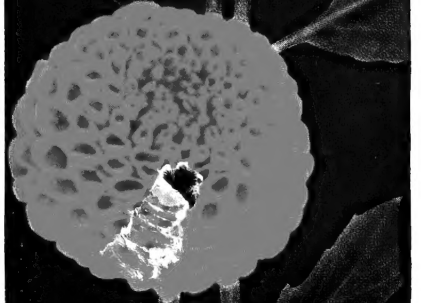
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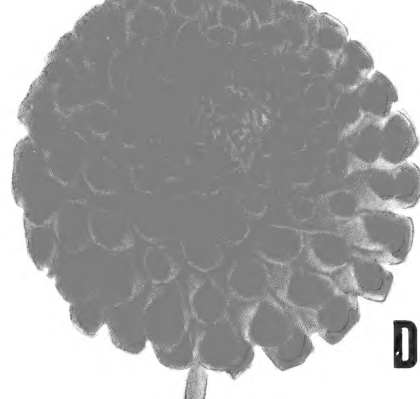


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POM-PON DAHLIAS

6



Here are six of the nicest Pompons we have ever grown. The perfectly formed little blooms are splendid cut-flower material.

- | | |
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| 1. Goldilocks. Yellow | 25c. |
| 2. Little David. Russet-orange | 25c. |
| 3. Helen Anita. Lilac | 25c. |
| 4. Bob White. White | 25c. |
| 5. Little Edith. Primrose | 25c. |
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COLLECTION

One each of six varieties **\$1.00**
(\$1.50 value), for . . .

MICHELL'S DAHLIAS

MINIATURE DAHLIAS

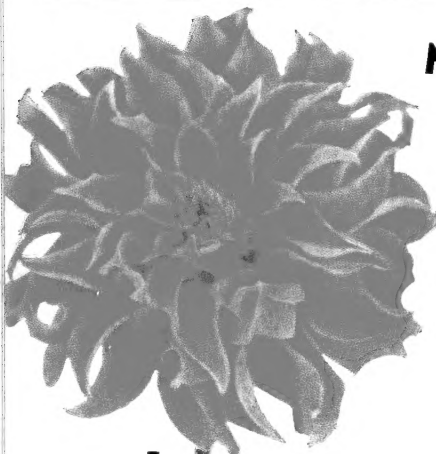
These duplicates of the giant show varieties produce quantities of bloom on compact plants. For garden, show or for cutting.

- | | |
|---|------|
| 7. Rapture. Rose-pink | 35c. |
| 8. Fairy. Violet-rose | 35c. |
| 9. McKay's Purity. White | 35c. |
| 10. Bishop of Llandaff. Scarlet | 35c. |
| 11. Orchid Lady. Lilac | 35c. |
| 12. Baby Royal. Salmon-pink | 25c. |

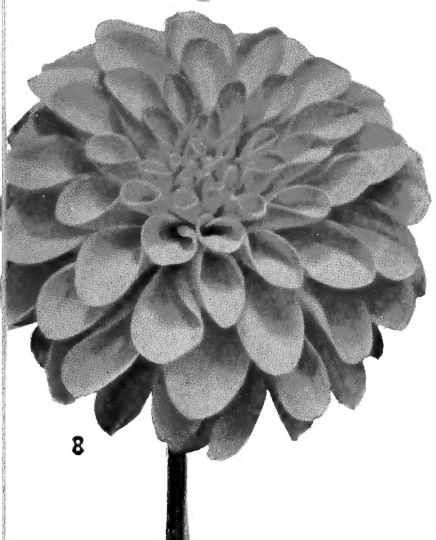
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One each of the six Miniature varieties (\$2.00 value), for . **\$1.50**

7



8



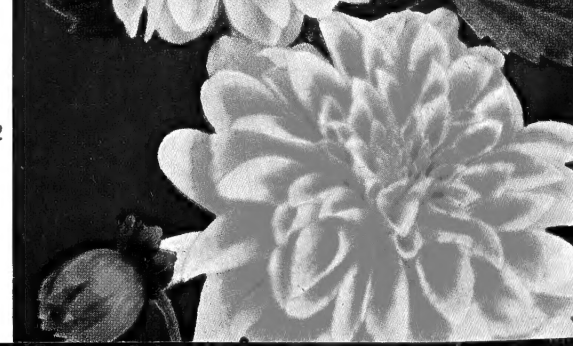
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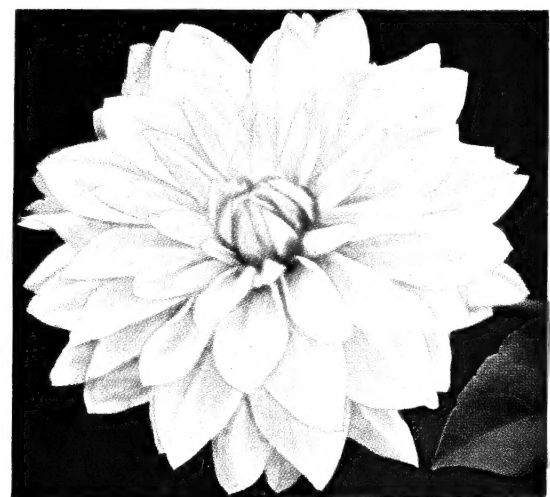
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9



MICHELL'S *Best Six* ROSES

HYBRID TEAS

Here are six perfect fragrant Roses, tops in their color classes. Every one is double and nicely formed. Each an exhibition Rose. They all bloom freely on strong, healthy plants. Six Roses any gardener would be proud to grow.

Golden Dawn

ETOILE DE HOLLANDE. The world's favorite red Rose with unforgettable fragrance and a dependable strong plant.

GOLDEN DAWN. Moderate growth but with profuse beautiful foliage and a continuous supply of deliciously fragrant light yellow flowers.

IMPERIAL POTENTATE. One of the sweetest of all Roses. The color is nice clean pink. The plant is close to foolproof.

MME. JOS. PERRAUD. This luscious nasturtium-buff Rose is a consistent prize-winner and it is very sweet. A great Rose for cutting.

Imperial Potentate

MME. JULES BOUCHE. The finest white garden Rose. Upright, free-blooming plant with shapely blooms carrying a touch of pink in each heart. Fragrant.

MRS. SAM MCGREDY. Even the plants are beautiful—canes and thorns are red and foliage is bronzy red. The glorious fragrant flowers are shown above.

Mrs. Sam McGredy

Etoile de Hollande

Mme. Jules Bouche

COLLECTION

These 6 Roses retail at 85c. each, but you can have 1 plant of each for **\$4.50**

Half a dozen collections will keep you in cut-flowers from June until frost.

Mme. Jos. Perraud

